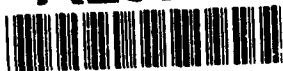


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AD-A257 720



# **SURFACE OBSERVATION CLIMATIC SUMMARIES**

for

**MYRTLE BEACH AFB,  
SOUTH CAROLINA**

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723

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**FEBRUARY 1992**

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REPORT DOCUMENTATION PAGE

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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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#### PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCs (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCs NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SPCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCs." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY DATA: OCT 81 - SEP 91 (AIRWAYS).

SUMMARY OF DAY DATA: NOV 41 - JUL 47, JAN 49 - JUL 91 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

**PRECIPITATION:** A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

**STANDARD DEVIATION:** A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

**TIME CONVENTIONS:** ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

**NOTE 1.** DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

**ABBREVIATIONS USED:**

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

**SUMMARY DESCRIPTION:** A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

**NOTE:** OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 747910	STATION NAME MYRTLE BEACH AFB, SC	LATITUDE N 33 41	LONGITUDE W 078 56	FLD ELEV (FT) 26	CALL SIGN MYR	WHO NMBR 74791			
STATION LOCATION AND INSTRUMENTATION HISTORY									
Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Myrtle Beach AAB, SC	AAF	Nov 42	Jul 47	N 33 41	W 078 56	25	28	24
2	Myrtle Beach CAA, SC	CAA	Jan 49	Nov 56	Same	Same	Same	25	24
3	Myrtle Beach AFB, SC	AFB	Nov 56	May 72	Same	Same	Same	Same	24
4	Same	Same	Jun 72	Mar 77	Same	Same	Same	Same	19
5	Same	Same	Mar 77	Jan 88	Same	Same	26	30	24

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 42	Atop BaseOps building	Selsyn	ML-144B	56 ft	
2	Jan 49	Same	F420A	None	30 ft	
3	Nov 56	Atop control tower	AN/GMQ-1	ML204	57 ft	
4	Mar 59	3425' NNE of wea station	AN/GMQ-11	RO-2	10 ft	
5	Mar 63	1.1675'N of stn, 850'W ctrln rwy 17/35	Same	Same	Same	
		2.500'S and rwy, 850'W ctrln	Same		10 ft	
6	Jul 71	1.500'fm end rwy 17, 575'W of ctrln	AN/GMQ-20	RO-362	14 ft	
		2.1075'fm end rwy 35, 750' W of ctrln	Same		14 ft	
7	Jan 88	1.Same	Same	Same	13 ft	
		2.Same	Same		13 ft	



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	AAAAAAAA
PP	AAAAAAAA	RR RR	TT	AAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

A - 1 - 1

**PART A**

**ATMOSPHERIC PHENOMENA SUMMARIES**

**THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:**

**THUNDERSTORMS:** ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

**LIQUID PRECIPITATION:** RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

**FREEZING PRECIPITATION:** FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

**FROZEN PRECIPITATION:** SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

**HAIL:** ALL OCCURRENCES OF HAIL.

**ALL PRECIPITATION:** INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

**FOG:** INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

**SMOKE AND/OR HAZE:** SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

**BLOWING SNOW:** ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

**DUST AND/OR SAND:** DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

**BLOWING SPRAY:** THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

**ALL OBSTRUCTIONS TO VISION:** THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

**SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.**

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).



**SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).**

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

**THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.**

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

**SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.**

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

**NOTE 1:** REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

**NOTE 2:** FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

**NOTE 3:** A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

**NOTE 4:** DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		11.5		.3		11.8	23.3	1.3			36.5	930
03-05	.1	13.5	.1	.5		14.2	27.1	1.5			42.8	930
06-08		15.1	.6	.3		16.0	31.6	2.3			49.9	930
09-11	.4	15.5	.3	1.0		16.8	25.7	5.2			47.6	930
12-14		13.4	.3	.3		14.1	17.1	4.9		.1	36.2	930
15-17	.1	12.4	.3	.3		13.0	15.6	5.9			34.5	930
18-20		13.8	.4	.3		14.5	17.4	4.3			36.2	930
21-23	.3	12.3	.2	.4		12.9	20.1	1.7			34.7	930
ALL HOURS	.1	13.4	.3	.4		14.2	22.2	3.4		.0	39.8	7440

MONTH: FEB

00-02	.4	9.7				9.7	24.0	2.1			35.8	846
03-05	.6	10.5		.4		10.9	26.8	2.5			40.2	846
06-08	.1	12.4		.4		12.8	37.4	3.3			53.4	846
09-11	.1	10.8	.1	.4		11.2	22.2	8.7			42.2	846
12-14	.1	9.7		.4		10.0	15.8	9.2			35.1	846
15-17	.4	10.8		.4		11.1	14.3	7.4			32.9	846
18-20	.1	12.2		.4		12.5	18.3	5.6			36.4	846
21-23		11.9		.2		12.2	20.0	2.8			35.0	846
ALL HOURS	.2	11.0	.0	.3		11.3	22.4	5.2			38.9	6768

A - 2 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS (LST)	TSDMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.6	7.4		.3		7.7	20.9	.6	.1		29.4	930
03-05	1.2	9.2		.4		9.7	27.2	.8			37.6	930
06-08	.6	9.1	.2	.3		9.7	37.2	5.2			52.0	930
09-11	1.3	9.5		.3		9.8	17.8	7.1			34.7	930
12-14	1.0	8.5		.2		8.7	10.9	5.3			24.8	930
15-17	.8	8.4		.2		8.6	11.7	6.8			27.1	930
18-20	.4	7.0		.1		7.1	14.9	5.4			27.4	930
21-23	.9	7.3	.1	.3		7.7	15.4	2.3			25.4	930
ALL HOURS	.8	8.3	.0	.3		8.6	19.5	4.2	.0		32.3	7440

MONTH: APR

00-02	1.4	4.9				4.9	19.8	1.3			26.0	900
03-05	1.2	7.6				7.6	26.2	.6			34.3	900
06-08	.6	6.7				6.7	36.7	8.2			51.6	900
09-11	.7	5.8				5.8	8.7	11.6			26.0	900
12-14	.9	5.7				5.7	3.6	9.4			18.7	900
15-17	1.3	7.0				7.0	4.4	10.1			21.6	900
18-20	1.7	7.2				7.2	9.6	8.4			25.2	900
21-23	1.0	6.2				6.2	13.8	3.1			23.1	900
ALL HOURS	1.1	6.4				6.4	15.3	6.6			28.3	7200

A - 2 - 2

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.5	4.7				4.7	18.6	4.2			27.5	930
03-05	.8	4.0				4.0	32.0	4.0			40.0	930
06-08	1.3	5.1				5.1	36.9	13.8			55.7	930
09-11	.6	3.2				3.2	4.1	20.4			27.7	930
12-14	2.3	4.0				4.0	1.7	17.4			23.1	930
15-17	2.4	4.5				4.5	2.4	16.9			23.8	930
18-20	2.6	5.1			.1	5.2	7.5	15.4			28.1	930
21-23	3.2	5.7				5.7	12.0	5.3			23.0	930
ALL HOURS	1.8	4.5			.0	4.5	14.4	12.2			31.1	7440

MONTH: JUN

00-02	3.0	5.1				5.1	18.9	8.0			32.0	900
03-05	1.0	4.3				4.3	39.3	7.6			51.2	900
06-08	1.0	4.0				4.0	39.1	25.2			68.3	900
09-11	1.4	3.8				3.8	3.4	30.0			37.2	900
12-14	3.6	6.0				6.0	3.1	29.3			38.4	900
15-17	4.9	7.3				7.3	4.3	29.7			41.3	900
18-20	4.8	5.9				5.9	7.6	25.0			38.4	900
21-23	2.8	5.3				5.3	11.6	16.3			33.2	900
ALL HOURS	2.8	5.2				5.2	15.9	21.4			42.5	7200

A - 2 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	2.0	4.1				4.1	19.7	17.6			41.4	930
03-05	2.3	2.6				2.6	37.6	16.5			56.7	930
06-08	1.2	3.0				3.0	41.7	31.1			75.8	930
09-11	2.7	4.1				4.1	4.7	40.5			49.4	930
12-14	7.8	6.7				6.7	1.6	35.8			44.1	930
15-17	10.0	7.8				7.8	2.2	36.8		.1	46.9	930
18-20	6.6	6.2				6.2	6.8	33.0			46.0	930
21-23	4.8	5.9				5.9	11.2	23.3			40.4	930
ALL HOURS	4.7	5.1				5.1	15.7	29.3		.0	50.1	7440

MONTH: AUG

00-02	3.3	5.8				5.8	27.3	18.6			51.7	930
03-05	3.2	6.9				6.9	41.3	18.0			66.1	930
06-08	1.4	6.6				6.6	53.3	27.6			87.5	930
09-11	1.0	6.9				6.9	11.1	40.9			58.8	930
12-14	4.3	8.5				8.5	3.3	41.7			53.5	930
15-17	9.1	11.6				11.6	4.3	41.8			57.7	930
18-20	6.8	9.4				9.4	9.7	33.5			52.6	930
21-23	3.2	6.3				6.3	15.9	24.5			46.8	930
ALL HOURS	4.0	7.7				7.7	20.8	30.8			59.4	7440

A - 2 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.3	8.1				8.1	24.4	7.2			39.8	900
03-05	1.8	6.8				6.8	37.0	5.9			49.7	900
06-08	.8	7.9				7.9	49.9	18.9			76.7	900
09-11	.3	7.8				7.8	11.8	31.4			51.0	900
12-14	1.6	9.0				9.0	6.7	27.6			43.2	900
15-17	4.0	9.8				9.8	6.7	24.0			40.4	900
18-20	3.2	9.0				9.0	8.8	22.7			40.5	898
21-23	2.0	6.8				6.8	13.7	13.5			34.0	897
ALL HOURS	1.9	8.1				8.1	19.9	18.9			46.9	7195

MONTH: OCT

00-02	1.0	5.7				5.7	22.0	4.2			31.9	930
03-05	.3	5.3				5.3	31.1	3.7			40.0	930
06-08	.5	7.7				7.7	40.3	12.6			60.6	930
09-11	.3	7.3				7.3	11.1	13.3			31.7	930
12-14	.6	6.2				6.2	5.7	9.9		.1	21.9	930
15-17	.5	6.2				6.2	5.1	10.0			21.3	930
18-20	.1	4.8				4.8	9.2	10.3			24.4	930
21-23	.2	4.7				4.7	14.9	6.1			25.8	930
ALL HOURS	.5	6.0				6.0	17.4	8.8		.0	32.2	7440

A - 2 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	RAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	6.0				6.0	25.0	1.9			32.9	900
03-05	.3	6.4				6.4	30.2	1.2			37.9	900
06-08	.3	7.2				7.2	40.7	4.4			52.3	900
09-11	.3	7.7				7.7	18.7	7.6			33.9	900
12-14	.3	6.9				6.9	9.6	5.8			22.2	900
15-17	.6	8.6				8.6	10.2	6.1			24.9	900
18-20	.2	6.7				6.7	17.1	3.8			27.6	900
21-23	.4	6.1				6.1	20.6	2.3			29.0	900
ALL HOURS	.3	6.9				6.9	21.5	4.1			32.6	7200

MONTH: DEC

00-02	.1	8.9	.6	.6		10.2	24.4	.3	.2		35.2	930
03-05	.2	10.3	.6	.6		11.6	26.0	1.3	.3		39.2	930
06-08		12.2	.6	.4		13.2	31.1	1.4	.3		46.0	930
09-11		9.4	.2	.5		10.1	20.5	4.5	.4		35.6	930
12-14		9.0		.6		9.7	11.6	4.2	.2		25.7	930
15-17		8.7		.6		9.4	11.8	4.8	.2		26.2	930
18-20		9.5		.5		10.0	15.9	2.2			28.1	930
21-23		8.4	.5	1.1		10.0	18.6	1.3	.1		30.0	930
ALL HOURS	.0	9.5	.3	.6		10.5	20.0	2.5	.2		33.3	7440

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
HOURS: ALL

MONTH	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.1	13.4	.3	.4		14.2	22.2	3.4		.0	39.8	7440
FEB	.2	11.0	.0	.3		11.3	22.4	5.2			38.9	6768
MAR	.8	8.3	.0	.3		8.6	19.5	4.2	.0		32.3	7440
APR	1.1	6.4				6.4	15.3	6.6			28.3	7200
MAY	1.8	4.5			.0	4.5	14.4	12.2			31.1	7440
JUN	2.8	5.2				5.2	15.9	21.4			42.5	7200
JUL	4.7	5.1				5.1	15.7	29.3		.0	50.1	7440
AUG	4.0	7.7				7.7	20.8	30.8			59.4	7440
SEP	1.9	8.1				8.1	19.9	18.9			46.9	7195
OCT	.5	6.0				6.0	17.4	8.8		.0	32.2	7440
NOV	.3	6.9				6.9	21.5	4.1			32.6	7200
DEC	.0	9.5	.3	.6		10.5	20.0	2.5	.2		33.3	7440
ANNUAL	1.5	7.7	.1	.1	.0	7.9	18.7	12.3	.0	.0	39.0	87643



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

MONTH	TSDMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	2.6	40.1	1.6	3.1		41.2	49.1	32.4			65.0	1404
FEB	4.0	41.0	.7	2.6		41.6	49.6	36.8	.2		69.2	1285
MAR	8.3	40.2	.6	1.5	.3	40.5	50.5	34.3	.2	.1	68.6	1414
APR	11.9	33.9			.3	33.9	47.4	38.0		.1	67.2	1370
MAY	19.4	38.8			1.0	38.8	55.3	47.9			78.6	1390
JUN	28.4	44.4			.2	44.4	55.2	51.6			82.2	1336
JUL	40.5	51.3			.2	51.3	51.3	51.8			84.7	1389
AUG	33.3	48.5			.1	48.5	59.0	56.9			86.2	1343
SEP	16.1	41.2			.1	41.2	59.8	52.0			82.5	1287
OCT	5.2	29.3				29.3	52.7	47.3			71.4	1296
NOV	3.3	33.5		.1	.1	33.6	52.3	37.0			68.7	1259
DEC	1.6	38.1	.4	1.3		38.5	44.6	28.8	.2		62.6	1344
ANNUAL	14.7	40.1	.3	.7	.2	40.3	52.2	42.9	.0	.0	73.9	16117

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02		.4	.6	1.4	1.5	3.0	2.0	3.3	1.3	1.0	.1	.1
03-05	.1	.6	1.2	1.2	.8	1.0	2.3	3.2	1.8	.3	.3	.2
06-08		.1	.6	.6	1.3	1.0	1.2	1.4	.8	.5	.3	
09-11	.4	.1	1.3	.7	.6	1.4	2.7	1.0	.3	.3	.3	
12-14		.1	1.0	.9	2.3	3.6	7.8	4.3	1.6	.6	.3	
15-17	.1	.4	.8	1.3	2.4	4.9	10.0	9.1	4.0	.5	.6	
18-20		.1	.4	1.7	2.6	4.8	6.6	6.8	3.2	.1	.2	
21-23	.3		.9	1.0	3.2	2.8	4.8	3.2	2.0	.2	.4	
ALL HOURS	.1	.2	.8	1.1	1.8	2.8	4.7	4.0	1.9	.5	.3	.0
TOTAL OBS	7440	6768	7440	7200	7440	7200	7440	7440	7195	7440	7200	7440

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 180	181 - 270	NO OF OBS
TSIMS			66.7	11.1		22.2	9
LIQUID PRECIP	19.0		40.7	25.5	5.4	9.4	993
FREEZING PRECIP			45.5	54.5			22
FROZEN PRECIP	3.0		51.5	45.5			33
FOG	31.2		33.4	17.3	7.0	11.1	1655
FOG WITH VIS GE 1/2 MILES	30.5		34.2	17.8	6.6	10.8	1558
TOTAL OBS	2056	0	2504	1162	628	1082	0 7432

MONTH: FEB HOURS: ALL

TSIMS	26.7		26.7	26.7	13.3	6.7	15
LIQUID PRECIP	10.7		20.8	41.4	11.8	15.2	735
FREEZING PRECIP				100.0			1
FROZEN PRECIP			57.1	19.0		23.8	21
FOG	26.4		22.7	20.7	12.9	17.4	1506
FOG WITH VIS GE 1/2 MILES	26.0		23.0	21.1	12.2	17.8	1452
TOTAL OBS	1518	0	1719	1246	993	1287	0 6763

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 180	181 - 270	NO OF OBS
TSDMS	4.8		11.1	17.5	34.9	31.7	63
LIQUID PRECIP	6.3		22.6	37.7	18.9	14.4	570
FREEZING PRECIP			100.0				3
FROZEN PRECIP			88.5	11.5			26
FOG	25.5		17.3	21.9	18.9	16.4	1447
FOG WITH VIS GE 1/2 MILES	25.5		17.7	22.0	18.3	16.5	1385
TOTAL OBS	1340	0	1716	1387	1443	1553	0 7439

MONTH: APR HOURS: ALL

TSDMS	6.3		17.7	12.7	36.7	26.6	79
LIQUID PRECIP	10.5		28.0	22.0	20.5	19.0	400
FREEZING PRECIP							
FROZEN PRECIP							
FOG	40.3		15.0	13.4	17.2	14.1	1102
FOG WITH VIS GE 1/2 MILES	38.8		15.4	13.9	17.5	14.4	1052
TOTAL OBS	1401	0	1592	847	1702	1656	0 7198

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 180	181 - 270	NO OF OBS
TSMS	10.2		18.2	17.5	29.2	24.8	137
LIQUID PRECIP	12.6		15.0	26.0	25.6	20.7	246
FREEZING PRECIP							
FROZEN PRECIP							
FOG	45.9		9.6	13.4	13.2	17.9	1057
FOG WITH VIS GE 1/2 MILES	45.2		9.4	13.6	13.5	18.3	1033
TOTAL OBS	1576	0	1005	834	2081	1940	7436

MONTH: JUN HOURS: ALL

TSMS	14.4		12.4	10.9	27.7	34.7	202
LIQUID PRECIP	12.5		15.2	20.2	23.6	28.5	263
FREEZING PRECIP							
FROZEN PRECIP							
FOG	42.4		10.9	13.0	12.4	21.4	1124
FOG WITH VIS GE 1/2 MILES	42.5		10.8	13.0	12.4	21.3	1121
TOTAL OBS	1397	0	827	946	1962	2062	7194

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 180	181 - 270	NO OF OBS
TSMS	15.8		14.1	7.2	24.4	38.5	348
LIQUID PRECIP	24.1		12.8	13.8	19.7	29.6	203
FREEZING PRECIP							
FROZEN PRECIP							
FOG	47.4		15.3	8.7	6.5	22.1	1123
FOG WITH VIS GE 1/2 MILES	47.4		15.2	8.8	6.5	22.1	1120
TOTAL OBS	1781	0	812	577	1573	2690	7433

MONTH: AUG HOURS: ALL

TSMS	15.9		11.0	20.6	27.2	25.2	301
LIQUID PRECIP	24.2		15.4	33.0	14.9	12.5	409
FREEZING PRECIP							
FROZEN PRECIP							
FOG	50.2		15.8	18.6	3.9	11.5	1516
FOG WITH VIS GE 1/2 MILES	50.3		15.2	18.8	4.0	11.7	1490
TOTAL OBS	2172	0	970	1139	1514	1633	7428

A - 5 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 180	181 - 270	NO OF OBS
TSTMS	11.1		15.6	20.7	28.9	23.7	135
LIQUID PRECIP	10.8		20.0	50.6	9.4	9.2	510
FREEZING PRECIP							
FROZEN PRECIP							
FOG	40.3		20.3	27.1	3.8	8.6	1401
FOG WITH VIS GE 1/2 MILES	40.0		20.3	27.2	3.8	8.6	1392
TOTAL OBS	1746	0	1149	2229	1025	1037	7186

MONTH: OCT HOURS: ALL

TSTMS	2.9		26.5	23.5	20.6	26.5	34
LIQUID PRECIP	11.7		22.2	42.3	14.4	9.3	418
FREEZING PRECIP							
FROZEN PRECIP							
FOG	44.1		18.4	22.8	7.0	7.7	1278
FOG WITH VIS GE 1/2 MILES	43.5		18.2	23.2	7.3	7.8	1238
TOTAL OBS	1756	0	1632	2167	1049	836	7440

A - 5 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 180	181 - 270	NO OF OBS
TSIMS	4.2		4.2	12.5	54.2	25.0	24
LIQUID PRECIP	10.5		19.3	44.0	13.4	12.8	477
FREEZING PRECIP							
FROZEN PRECIP							
FOG	39.9		19.5	20.0	8.3	12.2	1537
FOG WITH VIS GE 1/2 MILES	38.0		20.0	21.1	8.4	12.6	1448
TOTAL OBS	1924	0	1739	1547	870	1120	7200

MONTH: DEC HOURS: ALL

TSIMS				66.7	33.3	3		
LIQUID PRECIP	12.6	32.4	33.0	9.8	12.2	713		
FREEZING PRECIP	4.0	20.0	76.0			25		
FROZEN PRECIP		70.8	29.2			48		
FOG	37.1	24.8	15.6	10.6	12.0	1487		
FOG WITH VIS GE 1/2 MILES	35.2	25.4	16.4	10.5	12.5	1355		
TOTAL OBS	1940	0	2346	1114	704	1336	0	7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	271 - 360	001 - 090	091 - 180	181 - 270	NO OF OBS
TSTMS	13.0		14.4	14.7	27.9	30.1	1350
LIQUID PRECIP	13.5		25.0	34.0	13.5	14.0	5937
FREEZING PRECIP	2.0		35.3	62.7			51
FROZEN PRECIP	.8		67.2	28.1		3.9	128
FOG	38.7		19.3	18.1	9.9	14.0	16233
FOG WITH VIS GE 1/2 MILES	38.1		19.4	18.5	9.8	14.2	15644
TOTAL OBS	20607	0	18011	15195	15544	18232	0 87589

A - 5 - 7



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBB

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0600 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	57.7	58.6	58.1	66.1	60.5	56.8	48.3	51.9	59.7	72.5	67.2	62.3	59.9
TRACE	9.1	9.7	8.9	9.9	11.3	12.2	11.9	12.1	10.1	8.2	10.3	10.0	10.3
.01	2.2	1.7	1.7	1.5	1.9	2.2	3.2	2.2	2.1	1.5	1.4	2.4	2.0
.02-.05	6.5	5.8	5.0	4.6	4.9	4.7	6.6	4.8	5.1	3.5	4.7	4.3	5.0
.06-.10	4.2	3.8	4.2	2.8	2.8	3.3	3.8	4.3	3.2	2.3	3.2	3.6	3.5
.11-.25	6.3	6.3	5.6	5.5	6.3	6.3	7.2	6.8	4.7	3.7	4.7	5.6	5.7
.26-.50	6.5	5.4	6.7	4.1	4.7	4.8	6.7	7.3	4.3	2.6	3.0	4.8	5.1
.51-1.00	4.8	5.4	5.3	3.3	3.8	4.9	6.4	5.8	4.4	2.7	3.1	4.0	4.5
1.01-2.50	2.5	3.0	4.4	2.1	3.5	3.8	5.2	3.7	5.0	2.3	2.0	3.0	3.4
2.51-5.00	.3	.1	.1	.1	.4	.9	.7	1.1	1.0	.6	.4	.1	.5
5.01-10.00			.1	.1		.1	.1	.1	.3	.2	.1		.1
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	33.2	31.7	33.0	24.0	28.2	31.0	39.8	36.0	30.2	19.3	22.5	27.7	29.8
TOTAL NO. OF OBSERVATIONS	1488	1355	1488	1440	1488	1440	1465	1426	1380	1420	1384	1456	17230

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42											.00*	2.39	2.39*
43	3.19	1.55	7.37	3.21	1.71	3.02	5.54	9.51	5.10	TRACE	.84	2.90	43.94
44	3.63	4.83	9.04	2.43	2.49	6.51	7.47	5.27	3.27	1.41	1.36	1.44	49.15
45	1.79	3.91	1.38	2.36	2.04	9.39	9.82	10.62	9.29	1.00	1.44	5.75	58.79
46	3.56	2.59	3.04	2.54	1.84	2.30	7.03	6.03	1.15	3.87	1.61	.91	36.47
47	2.86	.92	5.03	2.59	2.50	7.30	2.58*						23.78*
49	.78	2.88	2.37	3.59	2.50	2.61	4.34	4.01	5.72	4.23	1.41	1.12	35.56
50	1.04	1.09	4.68	.39	4.00	4.10	15.77	2.86	6.08	2.04	.62	4.92	47.59
51	.44	1.11	4.68	6.12	.95	4.56	2.98	2.19	13.74	.16	3.25	2.41	42.59
52	1.56	3.79	4.24	.98	3.84	8.57	3.18	9.97	9.14	2.06	4.71	2.68	54.72
53	3.15	4.38	5.36	3.03	1.89	3.43	2.65	11.32	9.51	.46	5.49	5.99	56.66
54	1.94	3.62	3.84	.98	4.11	2.15	3.57	1.97	3.06	9.41	.95	2.75	38.35
55	4.13	1.47	2.42	3.89	5.58	3.43	1.24	8.65	16.69	.91	2.15	.64	51.20
56	1.54	3.08	3.47	1.58	3.64	6.51	2.45	6.38	3.40	7.07	.20*	.26	39.58*
57	1.98	3.57	4.88	1.49	3.22	6.29	3.54	5.94	11.30	1.14	5.33	3.98	52.66
58	4.48	3.76	4.59	5.88	2.38	7.20	4.66	7.40	7.20	3.90	.56	3.58	55.59
59	2.25	3.69	5.68	1.93	5.27	5.17	12.03	2.49	7.35	6.75	1.28	4.00	57.89
60	4.23	3.64	5.03	1.94	3.52	6.22	16.39	2.49	7.98	.94	.80	2.31	55.49
61	2.04	3.68	4.91	7.32	5.45	6.89	3.94	6.02	3.53	1.25	3.31	1.20	49.54
62	3.62	2.90	5.18	3.90	1.00	7.28	3.34	5.50	9.15	1.08	4.83	1.78	49.56
63	4.45	4.15	1.52	2.25	3.58	6.73	4.34	1.05	3.28	2.54	4.60	2.25	40.74
64	8.21	7.49	4.66	2.53	1.74	10.18	10.47	5.43	7.24	7.74	.89	5.40	71.98
65	1.59	6.43	9.39	1.48	1.43	3.98	6.94	5.25	1.89	2.41	.60	.74	42.13
66	7.03	4.79	3.17	.42	6.57	2.79	7.27	2.99	2.93	.85	.37	4.41	43.59
67	5.83	2.85	1.73	1.90	3.70	9.27	11.53	4.96	3.72	.50	1.64	3.81	51.44
68	2.78	1.72	1.05	2.16	4.34	1.25	14.24	1.29	1.13	7.22	3.07	3.05	43.30
69	2.96	1.76	5.81	3.92	1.83	4.62	2.98	10.72	2.21	1.51	9.70	3.90	51.92
70	3.10	2.66	7.23	.93	2.76	3.31	3.64	7.86	8.07	7.32	.96	3.32	51.16
71	3.98	2.29	5.18	4.58	3.12	4.96	7.73	14.64	1.00	10.31	1.63	1.01	60.43
72	5.41	4.38	2.18	.05	5.25	2.93	6.37	4.34	3.16	.21	7.34	3.97	45.59
73	4.45	3.69	3.27	3.61	2.49	6.97	5.44	4.56	3.58	1.40	1.79	6.51	47.76
74	5.21	3.92	4.15	1.25	11.42	5.18	3.78	10.85	1.55	.68	3.22	3.47	54.68
75	4.25	3.78	4.44	3.05	3.76	3.22	7.14	1.70	7.50	2.63	1.66	4.44	47.57

B - 2 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	3.01	1.31	3.40	.31	8.21	7.02	5.55	4.97	3.99	3.83	2.74	5.58	49.92
77	3.39	2.20	5.73	1.39	4.08	5.66	2.70	5.73	5.43	5.08	3.75	5.74	50.88
78	4.64	1.76	3.53	3.58	5.72	2.01	9.56	5.46	2.97	.87	3.00	3.13	46.23
79	6.15	3.99	6.16	1.59	7.12	3.33	1.62	2.50	12.41	.64	3.42	2.26	51.19
80	4.85	1.59	9.03	1.77	4.46	7.10	3.91	1.22	3.37	2.15	2.13	3.42	45.00
81	.97	2.56	4.19	2.14	6.42	1.06	6.74	9.06	.72	1.84	1.22	8.29	45.21
82	4.30	6.64	.84	7.39	1.82	7.95	4.37	3.19	4.12	9.36	2.09	5.74	57.81
83	6.72	8.01	11.53	2.59	.94	4.22	5.97	2.19	5.41	1.75	6.78	4.45	60.56
84	3.69	5.13	5.39	4.84	5.85	.92	5.47	.39	10.24	1.53	.75	.42	44.62
85	1.86	5.44	1.56	2.08	3.85	5.39	13.36	7.07	2.85	1.60	8.04	2.97	56.07
86	2.88	2.35	4.72	.92	4.38	3.48	3.77	13.29	.98	13.17	4.45	6.23	60.62
87	8.34	5.81	3.87	6.05	.89	7.58	3.30	6.66	9.66	.62	6.67	1.08	60.53
88	4.70	2.08	2.98	4.11	3.45	2.59	3.49	9.55	7.76	.88*	2.76	1.01	45.36*
89	1.80	2.19	5.25	6.52	2.21	8.56	2.71	5.96	10.59	5.99	1.94	6.33	60.05
90	2.18	2.13	4.07	1.30	5.14	.25	3.79	8.09	1.17	6.92	2.17	2.61	39.82
91	10.04	2.51	4.50	2.10	2.55	1.31	8.49						31.50*



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.44	.92	.84	.05	.89	.25	1.24	.39	.72	TRACE	.37	.26	35.56
GREATEST	10.04	8.01	11.53	7.39	11.42	10.18	16.39	14.64	16.69	13.17	9.70	8.29	71.98
MEAN	3.69	3.38	4.53	2.77	3.69	4.93	6.10	5.86	5.69	3.30	2.87	3.33	50.38
MEDIAN	3.48	3.33	4.55	2.31	3.55	4.79	4.66	5.48	4.61	1.84	2.13	3.13	50.40
SD	2.061	1.667	2.204	1.841	2.083	2.517	3.737	3.440	3.807	3.234	2.227	1.921	7.643
TOTAL OBS	1488	1355	1488	1440	1488	1440	1465	1426	1380	1420	1384	1456	17230

THE GREATEST VALUE OF 16.69 OCCURRED ON 09/55

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 2 - 2C

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42											.00*	.87	.87*
43	.88	.71	1.59	1.61	.34	1.98	1.09	3.18	2.72	TRACE	.56	1.07	3.18
44	1.32	2.91	2.37	.74	1.20	3.08	2.45	3.14	1.77	1.06	.83	.87	3.14
45	.71	1.09	1.00	.82	1.08	6.26	2.83	2.14	3.35	.67	.68	1.72	6.26
46	1.30	1.06	.72	.97	1.15	1.08	1.60	2.38	.47	2.62	.78	.84	2.62
47	.81	.32	.88	.84	1.10	2.43	1.52*						2.43*
49	.41	.94	.59	.96	1.14	.82	1.51	1.58	4.33	1.35	.65	.51	4.33
50	.54	.45	1.85	.20	1.13	1.58	6.30	.85	2.49	1.38	.50	1.56	6.30
51	.15	.34	1.32	1.78	.80	1.33	1.03	.74	6.93	.07	1.92	.93	6.93
52	.64	1.80	.98	.35	1.64	2.59	1.28	4.75	4.90	1.09	1.69	.82	4.90
53	1.31	1.16	1.63	1.43	.86	1.56	.92	3.15	2.88	.22	1.25	1.84	3.15
54	.60	1.59	1.49	.45	2.59	1.82	1.24	.85	1.45	8.22	.36	.60	8.22
55	.91	1.10	.98	1.72	1.41	1.43	.46	2.52	3.41	.30	1.06	.30	3.41
56	.73	1.08	1.20	.64	1.27	2.50	1.30	3.73	2.93	3.09	.20*	.16	3.73*
57	.50	1.36	1.19	.75	.95	1.85	1.47	2.16	5.71	.54	2.61	.90	5.71
58	1.51	1.53	.98	3.01	.85	2.04	1.66	4.50	3.87	1.68	.45	1.40	4.50
59	.49	.77	1.90	.91	1.83	1.58	3.66	.73	2.99	1.70	.51	2.36	3.66
60	1.73	1.38	1.42	.87	1.70	4.30	4.69	.87	4.86	.38	.24	.69	4.86
61	1.14	1.21	3.41	2.28	2.70	3.12	2.19	2.33	.92	.52	1.44	.30	3.41
62	.93	1.13	1.61	.94	.53	1.35	.98	1.55	3.90	.37	2.84	1.35	3.90
63	.97	.95	.44	1.45	1.43	2.59	.78	.45	1.06	1.99	2.29	.81	2.59
64	2.67	2.33	1.86	1.07	1.13	3.39	3.12	3.12	5.22	3.95	.54	3.11	5.22
65	.35	1.73	1.84	.61	.56	.86	1.74	2.04	.64	2.09	.27	.42	2.09
66	1.61	2.53	1.26	.12	2.80	.94	2.25	.57	.94	.63	.22	.94	2.80
67	1.23	1.01	.58	1.33	1.16	7.61	2.75	1.27	1.74	.41	.84	2.26	7.61
68	1.23	1.02	.47	.37	1.50	.41	2.86	.45	.52	3.11	1.19	1.58	3.11
69	1.45	.41	1.94	1.73	.81	1.79	1.03	4.45	1.11	.63	9.40	1.12	9.40
70	1.53	.75	1.50	.45	1.97	1.49	1.18	3.30	2.60	2.22	.85	2.31	3.30
71	.74	.71	1.59	1.60	1.04	1.35	1.33	6.50	.36	1.95	1.01	.58	6.50
72	1.16	1.14	.56	.03	1.31	1.07	2.62	.85	1.71	.17	2.31	1.31	2.62
73	1.00	1.19	1.16	1.82	.60	1.94	1.45	1.16	1.20	.72	.55	2.19	2.19
74	3.63	1.04	1.43	.71	2.92	3.56	1.42	2.56	.49	.26	1.52	.94	3.63
75	1.13	1.11	1.36	1.17	1.66	.74	2.22	.66	1.66	1.09	1.31	.81	2.22

B - 2 - 3A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707, 4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	1.16	.52	1.39	.19	2.27	1.80	1.61	2.06	1.04	1.12	.93	1.58	2.27
77	.90	1.52	1.28	1.02	2.13	2.82	1.53	2.83	1.68	2.28	2.10	1.63	2.83
78	1.57	.69	2.19	1.26	1.32	1.09	2.37	1.93	2.16	.47	2.09	2.10	2.37
79	3.24	1.07	1.97	.70	2.89	2.12	.67	1.09	6.18	.55	2.70	1.41	6.18
80	1.03	.53	1.53	.50	1.17	4.40	1.41	.42	1.38	.64	.70	1.16	4.40
81	.41	.85	1.07	2.01	2.15	.39	1.60	5.15	.37	.79	.72	1.82	5.15
82	2.14	2.27	.47	2.20	1.19	3.02	.87	.92	2.34	5.75	.92	2.05	5.75
83	2.81	1.88	5.82	1.17	.29	2.71	1.32	1.34	1.48	1.25	3.65	1.30	5.82
84	.97	1.73	2.00	2.10	1.27	.64	2.07	.16	2.19	1.47	.33	.33	2.19
85	.58	1.45	.52	.92	1.64	1.65	6.16	2.29	1.45	.60	3.22	.99	6.16
86	1.00	.89	2.00	.44	1.58	.94	1.82	2.52	.31	7.82	1.50	1.86	7.82
87	2.45	1.57	1.16	5.36	.49	2.11	1.05	1.40	1.59	.62	2.15	.38	5.36
88	1.67	.71	1.13	1.89	.85	.90	1.45	2.80	1.77	.45*	1.70	.43	2.80*
89	.58	.70	1.43	1.62	.60	2.77	.84	2.32	2.35	3.15	.96	2.19	3.15
90	.72	.75	2.17	.62	3.40	.14	1.05	3.21	.98	3.73	1.67	1.00	3.73
91	2.22	.78	1.90	1.28	1.47	.66	2.15						2.22*
.....													
GREATEST	3.63	2.91	5.82	5.36	3.40	7.61	6.30	6.50	6.93	8.22	9.40	3.11	9.40
.....													
TOTAL OBS	1488	1355	1488	1440	1488	1440	1465	1426	1380	1420	1384	1456	17230

THE GREATEST VALUE OF 9.40 OCCURRED ON 11/01/69

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4601-4707,4901-9107  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	96.8	97.4	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	98.6	99.3
TRACE	2.8	1.8	1.1								.1	1.0	.6
0.1-0.4	.3	.1	.1									.2	.1
0.5-1.4	.1	.6	.1									.1	.1
1.5-2.4		.1											.0
2.5-3.4		.1	.1										.0
3.5-4.4												.1	.0
4.5-6.4	.1		.1										.0
6.5-10.4												.1	.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.4	.8	.4									.5	.2
TOTAL NO. OF OBSERVATIONS	1395	1270	1395	1350	1395	1350	1372	1333	1290	1327	1268	1333	16078

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4601-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0*						.0*
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4
58	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	TRACE	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
66	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.5	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
74	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
78	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
79	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
80	TRACE	TRACE	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.8

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4601-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
83	.0	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6
84	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
87	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
88	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE	4.5*
89	.0	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	13.7	15.4
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
91	.0	TRACE	.0	.0	.0	.0	.0						TRACE*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	4.5	4.3	6.6	.0	.0	.0	.0	.0	.0	.0	TRACE	13.7	15.4
MEAN	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	1.0
MEDIAN	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
SD	.679	.800	1.280	.000	.000	.000	.000	.000	.000	.000	.000	2.088	2.763
TOTAL OBS	1395	1270	1395	1350	1395	1350	1372	1333	1290	1327	1268	1333	16078

THE GREATEST VALUE OF 13.7 OCCURRED ON 12/89

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4601-4707, 4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0*						.0*
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4
58	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
66	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.2	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
74	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
78	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
79	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
80	TRACE	TRACE	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.2

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4601-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
83	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
84	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
87	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
88	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE	4.5*
89	.0	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	8.8	8.8
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
91	.0	TRACE	.0	.0	.0	.0	.0						TRACE*
.....													
GREATEST	4.5	3.3	5.2	.0	.0	.0	.0	.0	.0	.0	TRACE	8.8	8.8
.....													
TOTAL OBS	1395	1270	1395	1350	1395	1350	1372	1333	1290	1327	1268	1333	16078
.....													

THE GREATEST VALUE OF 8.8 OCCURRED ON 12/23/89

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,5207-9107  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.6	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	99.8
TRACE	.2	.3	.3									.1	.1
1		.3										.1	.0
2	.1	.1										.1	.0
3		.1	.1										.0
4-6		.2	.1									.2	.0
7-12			.1									.1	.0
13-24												.1	.0
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	.1	.7	.2									.7	.2
TOTAL NO. OF OBSERVATIONS	1364	1242	1364	1320	1364	1320	1371	1333	1290	1327	1298	1363	15956

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,5207-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42											0	0	0*
43	0	0	0	0	0	0	0	0	0	0	0	6	6
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0*						0*
52							0	0	0	0	0	0	0*
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0*	0	0*
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	1	0	0	0	0	0	0	0	0	0	TRACE	1
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	1	0	0	0	0	0	0	0	0	0	0	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	5	0	0	0	0	0	0	0	0	0	0	5
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,5207-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	1	0	0	0	0	0	0	0	0	0	0	1
80	0	0	5	0	0	0	0	0	0	0	0	0	5
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	7	0	0	0	0	0	0	0	0	0	7
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
88	2	0	0	0	0	0	0	0	0	0*	0	TRACE	2*
89	0	2	TRACE	0	0	0	0	0	0	0	0	15	15
90	0	0	0	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0						0*
.....													
GREATEST	2	5	7	0	0	0	0*	0	0	0*	0*	15	15*
.....													
TOTAL OBS	1364	1242	1364	1320	1364	1320	1371	1333	1290	1327	1298	1363	15956

THE GREATEST VALUE OF 15 OCCURRED ON 12/25/89

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC

PERIOD OF RECORD: 4901-5206  
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
50 - 51	NOV 25			FEB 09		
51 - 52	JAN 29			JAN 29		

MEDIAN-DATE

DEC 27

FEB 03

B - 5 - 1

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

## PART C

### SURFACE WIND SUMMARIES

#### PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

#### WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4601-4706,5709-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
46	NW 33	W *43	S 33	NNW 41	S *28	NE *27	WSW 33	*	W *21	*	*	NNW*32	W *43
47	SW *37	SW 36	NNW 46	SW 32	WSW 35	SSW 32							NNW*46
57									ENE*26	N *26	W 30	SW 36	SW *36
58	NNW 27	W 40	E 31	NNE*37	SSW 25	NNW*32	NNW*24	SSW*24	NNW*56	N *27	NW 25	E *30	NNW*56
59	W *33	NNW*30	WSW*34	N *31	WSW*51	NNW 38	E *39	SSE 26	E 45	SSW 31	W *35	W 37	WSW*51
60	ENE 36	SW *42	WSW 37	WSW*33	W 41	SSW 26	N 29	SSW 22	NNW 27	NNW 27	N 24	W 47	W *47
61	NNW 29	WSW*38	S 39	SE 40	NNW 27	SSW 32	WSW 30	NNW 28	NNE*28	N *29	SSE 25	SW 31	SE *40
62	W 29	NW 43	N 34	NW 37	N 27	SSW*30	SSE 25	N 35	NNE 31	N 29	SSE 40	W 32	NW *43
63	NNW*37	WSW*33	W *38	NNW*33	N *26	E *24	W *30	N *29	S *35	N *36	NW *35	NNW*30	W *38
64	W *47	SW *37	NNW*38	S *30	ENE 34	E 28	WSW*45	E *30	S *32	W *31	SSW*25	N 39	W *47
65	W 39	S *90	E *34	W *34	NNW*34	NNW*24	NNE*19	S *19	ENE*20	S *33	NNW*32	NNW 36	S *90
66	NNW*40	SSW 51	N *31	W *34	S *23	NNE*25	N *26	N 22	ESE 20	SSW 24	WSW 28	SW 28	SSW*51
67	W 32	NNW 30	S 40	NNW 31	WSW 32	NE 36	S 24	NE 19	N 22	S 27	NW 37	NNW 30	S 40
68	ESE 29	NNW 30	NNW 35	N 30	E 21	ENE 23	04/ 40	36/ 26	25/ 20	20/ 30	03/ 28	34/ 39	04/ 40
69	34/ 29	32/ 36	28/ 39	36/ 37	18/ 25	36/ 34	19/ 28	30/ 38	11/ 22	11/ 28	36/ 37	16/ 38	28/ 39
70	33/ 28	34/ 30	06/ 33	19/ 38	14/ 31	03/ 30	19/ 27	19/ 25	19/ 26	01/ 30	21/ 27	11/ 46	11/ 46
71	33/ 40	27/ 36	19/ 43	24/ 34	19/ 28	03/ 21	36/ 26	30/ 42	32/ 36	02/ 29	31/ 31	03/ 30	19/ 43
72	27/ 31	27/ 40	26/ 31	23/ 33	36/ 38	31/ 40	27/ 46	29/ 42	36/ 34	01/ 29	29/ 31	31/ 36	27/ 46
73	16/ 30	02/ 41	28/ 42	19/ 36	24/ 44	06/ 28	06/ 45	20/ 25	07/ 28	18/ 25	01/ 28	36/ 35	06/ 45
74	29/ 26	23/ 42	26/ *42	18/ 30	24/ 47	27/ 36	36/ *20	18/ *24	15/ 34	02/ 24	30/ 28	28/ 25	24/ *47
75	27/ 28	25/ 30	21/ 30	33/ 36	34/ 25	33/ 30	34/ 36	27/ 23	35/ 33	19/ 30	23/ 28	27/ 35	33/ 36
76	36/ 27	27/ 46	27/ 30	03/ 27	26/ 35	21/ 22	31/ 26	08/ 31	12/ 26	19/ 37	34/ 30	30/ 35	27/ 46
77	27/ 35	29/ 30	29/ 35	27/ 36	04/ 31	36/ 50	24/ 25	24/ 30	32/ 30	29/ 28	30/ 33	30/ 32	36/ 50
78	23/ 45	28/ 30	16/ 28	20/ 29	21/ 34	21/ 29	06/ 41	22/ 23	36/ 25	35/ *23	01/ 21	19/ 31	23/ *45
79	27/ 35	35/ 32	17/ 33	20/ 33	27/ 28	20/ 28	17/ 20	34/ 29	15/ 49	35/ 28	19/ 31	34/ 28	15/ 49
80	33/ 25	31/ 35	32/ 34	25/ 30	33/ 30	06/ 21	30/ 36	34/ 26	03/ 17	06/ 26	18/ 24	01/ 40	01/ 40
81	36/ 32	29/ 32	32/ 44	19/ 32	35/ 34	36/ 28	18/ 27	36/ 27	01/ 21	31/ 27	33/ 26	34/ 30	32/ 44
82	33/ 30	31/ 27	29/ 30	31/ 37	01/ 22	32/ 34	23/ 45	27/ 28	19/ 20	35/ 34	33/ 30	36/ 42	23/ 45
83	19/ 36	02/ 37	03/ 50	24/ 37	20/ 28	20/ 25	33/ 52	02/ 20	24/ 28	18/ 29	25/ 32	35/ 38	33/ 52
84	36/ 26	25/ 31	21/ 38	06/ 30	35/ 33	19/ 22	29/ 28	21/ 18	34/ 38	09/ 24	19/ 28	28/ 23	21/ 38
85	26/ 30	27/ 42	35/ 34	19/ 31	21/ 35	33/ 42	15/ 51	08/ 20	33/ 29	03/ 23	18/ 40	29/ 28	15/ 51

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4601-4706,5709-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
86	31/ 31	01/ 29	19/ 32	21/ 33	11/ 28	16/ 30	35/ 42	01/ 24	07/ 21	02/ 30	09/ 28	06/ 30	35/ 42
87	01/ 32	35/ 40	22/ 32	12/ 28	02/ 22	35/ 38	31/*44	24/ 28	24/ 28	02/ 28	19/ 26	35/ 39	31/*44
88	01/ 24	29/ 32	08/ 30	03/ 32	20/ 30	27/ 39	34/ 32	20/ 36	24/ 24	33/*22	30/ 32	35/ 27	27/*39
89	32/ 35	30/ 32	36/ 31	25/ 33	23/ 48	27/ 45	26/ 27	04/ 36	18/ 66	16/ 27	25/ 31	31/ 28	18/ 66
90	27/ 33	21/ 50	34/ 26	03/ 27	32/ 37	19/ 22	24/ 29	25/ 30	27/ 24	35/ 34	15/ 42	27/ 30	21/ 50
91	34/ 28	30/ 39	22/ 52	10/ 24	10/ 23	03/ 30	16/ 39						22/*52
.....													
GREATEST	W 47 8	90	22/ 52	WNW 41	WSW 51	36/ 50	33/ 52	30/ 42	18/ 66	19/ 37	15/ 42	W 47	8 90
.....													
TOTAL OBS	1058	963	1044	1030	1053	1021	1002	973	983	1007	984	1025	12143
.....													

THE PEAK WIND OF 90 FROM S OCCURRED ON 02/25/65

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4601-4706,5709-9107  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.1	8.8	29.1	28.9	18.4	10.0	3.1	1.1	.4	.0	.0	17.3	16.0	1058
FEB	.0	3.1	24.4	29.1	23.4	11.6	5.6	1.3	1.1	.2	.1	19.3	18.0	963
MAR	.0	1.3	20.9	32.1	23.9	13.7	5.7	1.4	.8	.2	.0	19.8	19.0	1044
APR	.0	.4	17.8	32.1	30.4	12.4	5.3	1.4	.2	.0	.0	20.0	19.0	1030
MAY	.0	1.6	27.9	40.1	20.7	6.1	2.3	.9	.4	.1	.0	17.7	17.0	1053
JUN	.0	2.6	32.6	40.0	17.9	3.8	1.7	.8	.5	.1	.0	17.0	16.0	1021
JUL	.0	3.5	35.7	36.3	17.2	4.4	1.2	.6	.9	.2	.0	16.8	16.0	1002
AUG	.3	8.1	43.6	33.0	10.9	3.1	.4	.4	.2	.0	.0	15.0	14.0	973
SEP	.0	10.0	46.4	28.4	10.2	3.2	.9	.4	.3	.1	.2	14.9	14.0	983
OCT	.0	10.4	37.6	29.8	15.2	5.5	1.3	.2	.0	.0	.0	15.5	15.0	1007
NOV	.2	10.8	34.7	29.1	16.7	6.0	1.6	.6	.4	.0	.0	15.9	15.0	984
DEC	.0	11.7	31.1	27.6	16.0	8.6	3.1	1.5	.4	.0	.0	16.7	16.0	1025
ANNUAL	.0	6.0	31.7	32.2	18.5	7.4	2.7	.9	.5	.1	.0	17.2	16.0	12143

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	6.8	3.1									16.3	5.9	6.0
020-040	2.3	4.0	.9	.1								7.2	6.2	6.0
050-070	1.1	1.3	.4									2.8	5.9	6.0
(E) 080-100	.3	.5	.1									1.0	5.3	5.0
110-130	.2	.2	.1	.1								.6	7.0	5.5
140-160	.4		.1									.5	4.0	2.0
(S) 170-190	1.1	.3	.1									1.5	4.5	4.0
200-220	1.2	1.3	.3									2.8	5.2	5.0
230-250	4.2	1.1	.2									5.5	3.8	4.0
(W) 260-280	4.9	2.4	.1									7.4	4.0	3.0
290-310	2.6	3.9	1.1									7.5	6.1	6.0
320-340	2.9	2.8	1.6									7.3	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											39.5	////////	
TOTALS	27.7	24.6	8.1	.2								100.0	3.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	9.2	3.5	.1								19.8	6.1	6.0
020-040	1.9	3.0	1.6									6.6	6.7	6.0
050-070	.3	.3	.9									1.5	8.4	10.0
(E) 080-100	.3	.3										.6	4.7	4.5
110-130	.3	.1										.4	4.0	3.5
140-160	.3	.3										.6	4.8	4.5
(S) 170-190	1.2	.4	.4									2.0	5.1	4.0
200-220	1.5	1.2	.2									2.9	4.6	4.0
230-250	3.4	1.3	.2									4.9	4.0	3.0
(W) 260-280	3.5	2.8	.5									6.9	4.9	4.0
290-310	4.6	1.8	.4									6.9	4.0	4.0
320-340	4.2	3.9	1.2									9.2	5.6	5.0
VARIABLE														
CALM	////////////////////											37.5	////////	
TOTALS	28.4	24.6	8.9	.1								100.0	3.4	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.5	10.4	3.0	.4	.1							21.5	6.3	6.0
020-040	2.9	3.7	1.5									8.1	6.1	6.0
050-070	1.2	.3	.1	.1								1.7	5.0	4.0
(E) 080-100	.1	.1	.2									.4	7.3	7.5
110-130	.3											.3	3.0	3.0
140-160	.3	.2										.5	4.6	4.0
(S) 170-190	.8	.3	.2									1.3	5.1	4.0
200-220	1.2	1.5	.3									3.0	5.6	5.0
230-250	3.0	1.4	.1									4.5	3.9	4.0
(W) 260-280	4.8	2.6	.5									8.0	4.6	4.0
290-310	2.4	2.4	1.0	.2								5.9	6.0	5.0
320-340	4.2	3.9	1.1									9.1	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											35.6	////////////////////////////////	
TOTALS	28.7	26.8	8.0	.7	.1							100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	9.5	6.8	1.1								23.3	7.5	8.0
020-040	3.1	6.8	1.9									11.8	6.3	6.0
050-070	1.5	1.8	.3									3.7	5.5	5.5
(E) 080-100	1.4	.6	.2									2.3	4.7	4.0
110-130	1.5	.2										1.7	3.3	3.0
140-160	2.2	.8	.2									3.1	4.3	4.0
(S) 170-190	1.3	1.1	.3									2.7	4.8	5.0
200-220	1.5	1.9	1.1									4.5	6.2	6.0
230-250	2.2	2.3		.1								4.5	5.0	5.0
(W) 260-280	2.2	3.3	1.5	.3	.1							7.4	7.0	6.0
290-310	2.6	3.3	2.8	.1								8.8	7.4	7.0
320-340	3.8	3.1	2.9	1.0	.1							10.9	7.6	7.0
VARIABLE														
CALM	////////////////////											15.3	////////	
TOTALS	29.3	34.7	18.0	2.6	.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	3.3	8.1	8.0	.8	.2							20.3	8.5	8.0
020-040	1.1	3.9	1.2	.3								6.5	7.4	8.0
050-070	1.0	1.9	.3									3.2	6.1	6.0
(E) 080-100	1.8	2.7	.3									4.8	5.2	5.0
110-130	3.0	2.9	.2									6.1	4.7	5.0
140-160	2.9	3.9	.2									7.0	5.1	5.0
(S) 170-190	2.2	6.1	1.4									9.7	6.6	6.0
200-220	.6	1.9	1.2									3.8	7.6	7.0
230-250	1.1	1.7	.5									3.3	6.2	6.0
(W) 260-280	1.2	3.3	2.8	.1								7.4	7.9	8.0
290-310	1.6	3.0	3.2	.3								8.2	8.2	8.0
320-340	3.1	5.2	4.5	1.3	.1							14.2	8.6	8.5
VARIABLE														
CALM	////////////////////////////////////											5.5	////////	
TOTALS	22.9	44.6	23.8	2.8	.3							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	3.1	8.9	5.1	.9	.1							18.1	8.1	8.0
020-040	1.3	2.7	.6									4.6	6.2	6.0
050-070	1.5	2.3	.4	.1								4.3	6.0	6.0
(E) 080-100	2.5	1.9	.1									4.5	4.6	4.0
110-130	4.3	.8	.1									5.2	3.6	3.5
140-160	4.7	3.1	.1									8.0	4.4	4.0
(S) 170-190	2.7	6.8	1.7	.1								11.3	6.7	6.0
200-220	1.2	3.5	.9	.1								5.7	7.1	7.0
230-250	1.1	1.3	.3									2.7	5.5	6.0
(W) 260-280	1.5	2.9	1.4	.1								5.9	7.0	7.0
290-310	1.7	4.5	2.8	.1								9.1	7.3	7.0
320-340	2.9	6.1	4.2	.5								13.8	8.0	8.0
VARIABLE														
CALM	////////////////////											6.9	////////	
TOTALS	28.5	44.8	17.7	1.9	.1							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	6.5	2.3	.2								13.7	6.3	6.0
020-040	2.4	1.9	1.0									5.3	6.0	5.0
050-070	1.1	1.6	.5									3.2	6.0	6.0
(E) 080-100	1.6	.8										2.4	3.9	4.0
110-130	.6	.6										1.3	3.6	4.5
140-160	1.6	.1										1.7	2.4	2.0
(S) 170-190	3.1	1.3	.5									4.9	4.8	4.0
200-220	4.4	1.8	1.0									7.2	4.5	4.0
230-250	2.8	1.0	.1									3.9	3.9	3.0
(W) 260-280	2.2	1.9	.4	.1								4.6	5.6	5.0
290-310	3.2	2.7	.4									6.3	4.7	4.0
320-340	3.0	3.8	.9									7.6	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											37.8	////////////////////////////////	
TOTALS	30.7	24.0	7.1	.3								100.0	3.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	7.1	3.2	.1								14.4	6.7	7.0
020-040	2.6	2.7	.9									6.1	5.8	5.0
050-070	1.2	1.3	.3									2.8	5.7	5.5
(E) 080-100	1.1	.3										1.4	3.5	4.0
110-130	.4	.3										.8	4.7	4.0
140-160	.3	.1	.1									.5	4.6	4.0
(S) 170-190	1.9	.4	.1									2.5	4.1	3.0
200-220	3.4	1.6		.1								5.2	4.0	3.5
230-250	4.4	1.4	.2									6.0	3.7	3.0
(W) 260-280	3.1	2.3	.4	.1								5.9	4.9	4.0
290-310	1.7	2.8	1.0	.1								5.6	6.3	6.0
320-340	1.8	2.5	1.1	.1								5.5	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											43.3	////////////////////////////////	
TOTALS	25.9	22.8	7.3	.5								100.0	3.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	8.3	4.4	.4	.1							18.4	7.0	7.0
020-040	2.2	3.6	1.2	.1								7.0	6.4	6.0
050-070	1.1	1.4	.4	.0								2.9	6.0	6.0
(E) 080-100	1.1	.9	.1									2.2	4.7	4.0
110-130	1.3	.6	.1	.0								2.1	4.2	4.0
140-160	1.6	1.1	.1									2.8	4.5	4.0
(S) 170-190	1.8	2.1	.6	.0								4.5	5.9	5.0
200-220	1.9	1.9	.6	.0								4.4	5.6	5.0
230-250	2.8	1.4	.2	.0								4.4	4.4	4.0
(W) 260-280	2.9	2.7	1.0	.1	.0							6.7	5.7	5.0
290-310	2.6	3.1	1.6	.1								7.3	6.4	6.0
320-340	3.2	3.9	2.2	.4	.0							9.7	7.0	6.0
VARIABLE														
CALM	////////////////////											27.7	////////	
TOTALS	27.8	31.0	12.5	1.1	.1							100.0	4.4	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	16.0	8.3	.3								32.5	7.2	7.0
020-040	3.5	5.8	2.9									12.2	6.6	6.0
050-070	2.0	2.0	1.2	.1								5.3	6.5	6.0
(E) 080-100	.9	.8	.2									1.9	5.3	5.0
110-130	.7											.7	2.9	3.0
140-160	.2	.5	.1									.8	5.8	6.0
(S) 170-190	1.5	.9	.9									3.3	6.2	6.0
200-220	.8	1.8	.8	.1								3.4	7.3	8.0
230-250	1.0	.8	.2									1.9	4.7	4.0
(W) 260-280	1.4	.9	.2		.1							2.6	5.1	4.0
290-310	2.6	2.2	1.2									6.0	5.9	6.0
320-340	5.0	7.7	2.9	.1								15.7	6.5	6.0
VARIABLE														
CALM	////////////////////											13.8	////////	
TOTALS	27.4	39.4	18.9	.6	.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 1291

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	4.0	2.0	.5								13.1	5.8	4.0
020-040	1.7	4.4	.6	.1								6.7	6.2	6.0
050-070	.7	1.9	.6									3.2	7.2	7.0
(E) 080-100	.8	.5	.2									1.5	4.8	4.0
110-130	.8	.1										.9	2.8	2.0
140-160	2.0	1.7	.1									3.8	4.8	4.0
(S) 170-190	1.3	1.9	.5									3.7	5.9	5.0
200-220	4.8	2.6	.8									8.3	4.7	4.0
230-250	3.7	2.2	.1									6.0	3.9	3.0
(W) 260-280	2.7	2.0	.7	.2								5.7	5.5	5.0
290-310	1.9	1.3	.1	.4								3.7	5.7	4.0
320-340	1.7	3.2	.4	.1	.1							5.4	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											37.9	////////	
TOTALS	28.7	25.8	6.1	1.3	.1							100.0	3.4	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.2	6.1	1.7	.5								16.4	5.4	5.0
020-040	2.4	3.3	1.2		.1							7.0	6.5	6.0
050-070	.6	1.5	.8	.1								3.1	7.6	7.0
(E) 080-100	.7	.2	.4	.1								1.4	6.0	4.0
110-130	.1	.5										.6	5.4	6.0
140-160	.8	1.1	.2									2.1	5.7	6.0
(S) 170-190	1.5	1.9	.4									3.8	5.6	5.5
200-220	3.7	2.4	.5									6.5	4.6	4.0
230-250	5.4	1.2	.2									6.9	3.5	3.0
(W) 260-280	3.2	2.4	.5	.2								6.3	5.4	4.0
290-310	2.1	1.3	.5	.2								4.1	5.2	4.0
320-340	3.8	3.2	.9	.4								8.3	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											33.6	////////	
TOTALS	32.5	25.1	7.3	1.5	.1							100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.7	7.8	2.6									20.1	5.4	5.0
020-040	3.4	4.1	1.5	.1								9.2	6.0	6.0
050-070	1.4	1.7	.4									3.4	5.6	5.0
(E) 080-100	.8	1.1										1.9	4.8	6.0
110-130	.5	.7										1.2	5.3	5.0
140-160	.7	.5	.5									1.7	6.0	5.5
(S) 170-190	1.4	1.2	.9									3.5	6.0	5.0
200-220	3.5	1.5	.8									5.9	4.6	4.0
230-250	3.3	1.7	.4									5.3	4.4	4.0
(W) 260-280	3.3	1.9	.6	.1								5.9	5.2	4.0
290-310	2.5	1.4	.6									4.5	5.0	4.0
320-340	2.6	2.5	1.7	.2								7.0	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											30.4	////////////////////////////////	
TOTALS	33.1	26.1	10.0	.4								100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	8.5	6.0	.4								19.9	7.6	8.0
020-040	2.7	7.4	1.8	.1								12.1	6.4	6.0
050-070	1.7	3.8	1.7	.1								7.2	7.2	7.0
(E) 080-100	1.3	3.1	.4									4.7	5.8	6.0
110-130	.8	2.2										3.1	5.3	5.0
140-160	.9	1.7	.4									3.0	6.0	6.0
(S) 170-190	1.9	1.7	1.1	.5								5.1	7.0	7.0
200-220	1.4	2.4	1.2									5.0	6.7	7.0
230-250	2.5	4.5	1.2	.6								8.7	7.0	6.5
(W) 260-280	2.7	4.5	2.0	.1								9.3	6.6	6.0
290-310	2.5	1.5	1.1	.5	.1							5.7	7.3	6.0
320-340	2.1	2.8	2.4	.1	.2							7.7	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											8.6	////////////////////////////////	
TOTALS	25.5	44.1	19.3	2.4	.3							100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	8.4	4.4	.2	.2							15.2	8.2	8.0
020-040	1.1	2.7	1.4									5.2	7.3	8.0
050-070	1.2	2.4	1.4									5.0	7.0	7.0
(E) 080-100	1.2	7.8	1.2	.1								10.3	7.0	7.0
110-130	1.7	4.4	.2									6.3	5.7	6.0
140-160	2.5	5.6	.8	.1								9.0	6.3	6.0
(S) 170-190	1.9	7.1	3.0	.4								12.3	7.6	7.0
200-220	.9	1.9	2.1	.2								5.2	8.5	8.0
230-250	.2	1.9	1.9		.1							4.1	9.1	9.0
(W) 260-280	.9	3.9	3.8	.4	.1							9.1	9.1	9.0
290-310	1.2	3.4	2.5	.1								7.2	8.0	8.0
320-340	.8	3.9	3.5	.8	.4							9.5	9.7	9.5
VARIABLE														
CALM	////////////////////////////////////											1.7	////////	
TOTALS	15.6	53.4	26.2	2.3	.8							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 846



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	5.4	4.4	.6	.2							12.4	8.7	8.0
020-040	1.3	1.3	1.5									4.1	6.9	7.0
050-070	1.5	2.0	1.4									5.0	6.9	6.0
(E) 080-100	2.4	4.8	1.3									8.5	6.1	6.0
110-130	2.6	4.4	.4									7.3	5.5	5.5
140-160	4.4	6.1	.2	.1								10.9	5.4	5.0
(S) 170-190	4.6	8.5	3.8	.1	.1							17.1	7.0	6.0
200-220	.7	3.5	2.8									7.1	8.6	8.0
230-250	.7	1.8	1.2	.1								3.8	7.9	8.0
(W) 260-280	.2	2.4	2.5	.6	.1							5.8	9.7	10.0
290-310	1.4	3.3	2.4	.2								7.3	8.1	8.0
320-340	1.2	3.5	2.8	.2	.2							8.0	8.8	8.5
VARIABLE														
CALM	////////////////////											2.6	////////	
TOTALS	22.8	47.0	24.7	1.9	.6							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	5.1	2.0									10.6	6.2	6.0
020-040	1.7	1.5	1.1									4.3	6.5	6.0
050-070	2.2	1.9	.8									5.0	5.5	5.0
(E) 080-100	3.5	1.4	1.2									6.1	5.0	4.0
110-130	2.0	.5	.1	.1								2.7	4.5	3.0
140-160	4.5	1.2	.1	.1								5.9	3.7	3.0
(S) 170-190	6.0	3.3	.2									9.6	4.2	4.0
200-220	4.3	5.0	.9	.1								10.3	5.7	5.0
230-250	.9	.7	.2	.2								2.1	6.6	5.5
(W) 260-280	1.4	2.0	1.1									4.5	6.3	6.0
290-310	1.8	2.1	.4									4.3	5.2	5.0
320-340	3.1	2.6	1.5	.1								7.3	6.1	5.0
VARIABLE														
CALM	////////////////////											27.3	////////	
TOTALS	34.9	27.3	9.6	.6								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	3.9	2.4	.4	.1							12.1	6.3	5.5
020-040	3.1	2.6	1.3	.1								7.1	5.9	5.0
050-070	2.0	1.2	.8									4.0	5.4	4.5
(E) 080-100	1.7	.8	.4									2.8	5.0	4.0
110-130	1.2	.5	.1									1.8	4.5	4.0
140-160	2.4	2.1	.5	.1	.1							5.2	5.8	5.0
(S) 170-190	2.8	1.8	.2									4.8	4.3	4.0
200-220	4.7	3.0	.5	.1								8.3	4.6	4.0
230-250	3.9	1.5	.4									5.8	4.1	4.0
(W) 260-280	1.8	1.5	.5	.2								4.0	5.8	5.0
290-310	1.5	.9	.5									3.0	5.2	4.0
320-340	1.3	1.3	.9									3.5	6.5	6.0
VARIABLE														
CALM	////////////////////											37.6	////////	
TOTALS	31.7	21.1	8.5	.9	.2							100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		5.3	6.2	3.2	.3	.1							15.0	6.7	6.0
020-040		2.2	3.4	1.3	.1	.0							7.0	6.4	6.0
050-070		1.4	2.0	1.0	.0								4.5	6.6	6.0
(E) 080-100		1.6	2.5	.6	.0								4.7	5.9	6.0
110-130		1.2	1.7	.1	.0								3.0	5.2	5.0
140-160		2.3	2.5	.4	.1	.0							5.2	5.4	5.0
(S) 170-190		2.7	3.4	1.3	.1	.0							7.5	6.2	6.0
200-220		3.0	2.8	1.2	.1								7.1	5.9	5.0
230-250		2.6	1.9	.7	.1	.0							5.3	5.5	5.0
(W) 260-280		2.0	2.6	1.4	.2	.0							6.3	6.9	6.0
290-310		1.9	1.9	1.0	.2	.0							5.0	6.6	6.0
320-340		2.1	2.9	1.8	.3	.1							7.1	7.4	7.0
VARIABLE															
CALM		////////////////////////////////////											22.5	////////	
TOTALS		28.3	33.8	14.0	1.5	.2							100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.2	13.7	6.7	.7	.1							30.4	7.0	7.0
020-040	2.8	5.4	3.9	.3	.1							12.6	7.5	8.0
050-070	2.4	2.6	1.5	.1								6.5	6.6	6.0
(E) 080-100	2.1	2.2	.9									5.3	5.8	5.0
110-130	.3	.7										1.0	4.7	5.0
140-160	1.6	.9	.3		.1							2.9	5.5	4.0
(S) 170-190	2.0	1.8	.8	.2								4.8	6.1	5.0
200-220	1.3	.9	.7	.1								3.0	5.9	5.0
230-250	1.3	1.1	.1									2.6	5.3	4.0
(W) 260-280	1.3	1.6	.4									3.4	5.9	6.0
290-310	1.2	.8	.2	.2								2.5	6.0	4.5
320-340	2.9	6.0	4.3	.8	.2							14.2	8.1	7.0
VARIABLE														
CALM	////////////////////											10.8	////////	
TOTALS	28.4	37.7	19.8	2.4	.5							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	4.7	2.0	.3	.1							12.8	6.1	5.0
020-040	3.2	2.9	.2	.1								6.5	4.9	4.5
050-070	1.4	1.8	1.0									4.2	6.6	7.0
(E) 080-100	1.5	3.0	.3									4.8	5.8	5.0
110-130	.6	.9	.4									1.9	6.7	6.0
140-160	1.6	1.0	.3									2.9	4.9	4.0
(S) 170-190	3.7	3.0	.9	.2	.1							7.8	5.6	5.0
200-220	4.0	2.7	.9	.1								7.6	5.5	4.0
230-250	3.7	1.6	.3									5.6	4.3	4.0
(W) 260-280	2.0	1.1	.1									3.2	4.2	4.0
290-310	2.6	1.2	.5									4.3	5.1	4.0
320-340	1.6	2.8	1.0									5.4	6.5	7.0
VARIABLE														
CALM	////////////////////////////////////											32.9	////////	
TOTALS	31.5	26.7	7.9	.7	.2							100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	7.2	1.9	.4								17.2	5.8	5.0
020-040	3.4	3.5	.3									7.3	5.0	5.0
050-070	1.3	1.1	.4									2.8	6.3	6.0
(E) 080-100	2.0	1.8	.2									4.1	5.0	4.5
110-130	.4	.6	.1									1.2	5.7	6.0
140-160	1.0	.5	.3	.1								1.9	5.8	4.5
(S) 170-190	2.8	2.7	.9	.1								6.5	5.7	5.0
200-220	2.9	2.8	1.3									7.0	5.7	5.0
230-250	3.5	1.5	.2									5.3	4.0	4.0
(W) 260-280	4.0	1.0	.2	.1								5.3	4.1	4.0
290-310	2.2	2.3	.2									4.6	5.1	5.0
320-340	3.1	2.6	.4									6.1	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											30.8	////////	
TOTALS	34.2	27.6	6.4	.7								100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	7.7	2.2	.3								17.8	5.8	5.0
020-040	2.8	5.9	1.0	.1								9.8	6.2	6.0
050-070	1.2	1.5	.5	.2								3.4	6.7	7.0
(E) 080-100	1.9	1.8	.1	.1								4.0	5.4	5.0
110-130	.2	.5	.3									1.1	7.6	8.0
140-160	1.0	1.4	.1									2.5	5.3	5.0
(S) 170-190	2.9	2.0	.9									5.8	5.0	4.5
200-220	2.9	1.8	.9									5.6	5.2	4.0
230-250	2.9	2.2	.2									5.3	4.6	4.0
(W) 260-280	3.0	2.5	1.0									6.5	5.6	5.0
290-310	2.0	1.9	.2									4.2	4.9	5.0
320-340	3.3	2.7	1.0	.1								7.1	5.6	5.0
VARIABLE														
CALM	////////////////////											27.0	////////	
TOTALS	31.7	31.9	8.4	.8								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.9	6.7	5.8	1.3	.2							17.8	8.3	8.0
020-040	1.8	5.5	2.5	.1								9.9	7.3	7.5
050-070	.8	5.8	2.5	.1								9.1	7.9	8.0
(E) 080-100	1.5	3.9	1.1									6.5	6.5	6.0
110-130	1.2	2.0	.5									3.8	6.3	6.0
140-160	1.5	2.7	.9	.4								5.5	6.8	6.0
(S) 170-190	1.1	4.1	4.1	.2								9.5	8.4	8.5
200-220	1.0	2.2	1.9	.1								5.2	8.3	8.0
230-250	1.0	2.7	1.3	.1								5.1	7.3	7.0
(W) 260-280	2.0	3.3	2.4									7.7	7.0	6.0
290-310	2.0	2.0	2.2									6.2	7.3	8.0
320-340	2.3	4.0	3.2	.1								9.6	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////										4.2	////////////////////////////////		
TOTALS	20.1	44.9	28.4	2.4	.2							100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.1	4.6	1.2	.1							11.9	9.0	9.0
020-040	1.1	2.8	1.0	.1								4.9	6.7	6.0
050-070	.6	2.3	2.3	.1								5.3	8.8	9.0
(E) 080-100	1.1	5.3	2.7	.1								9.1	7.8	8.0
110-130	1.6	8.3	.8	.1								10.8	6.7	6.5
140-160	1.5	8.0	.9									10.3	6.6	7.0
(S) 170-190	1.0	7.1	8.5	1.5	.2							18.3	9.9	10.0
200-220	.3	1.7	2.5	.5	.4							5.5	10.8	11.0
230-250	.5	1.6	1.1									3.2	8.1	8.0
(W) 260-280	.4	3.8	3.8	.1	.1							8.2	9.1	9.0
290-310	.9	2.3	2.8	.2								6.1	8.7	8.0
320-340	.6	1.7	2.8	.4								5.6	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	11.5	49.0	33.8	4.3	.8							100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	4.0	3.3	.6	.3							8.9	9.5	9.0
020-040	.2	2.0	.4	.1		.1						2.9	8.5	8.0
050-070	.6	2.4	2.0									5.1	8.0	8.0
(E) 080-100	1.2	3.7	2.3									7.1	7.5	8.0
110-130	2.2	5.7	.5									8.4	6.2	6.0
140-160	2.4	8.9	1.2	.1	.1							12.7	6.6	6.0
(S) 170-190	2.2	11.9	8.1	1.1								23.2	8.7	8.0
200-220	.6	3.8	3.9	1.0	.4							9.7	10.2	10.0
230-250	.2	.9	.8	.1								1.9	8.5	8.0
(W) 260-280	.4	2.2	2.9	.1								5.6	9.7	10.0
290-310	.4	2.4	2.5	.3								5.6	9.3	9.5
320-340	1.0	2.5	3.5	.6	.1							7.7	9.7	10.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	12.0	50.4	31.4	4.0	.9	.1						100.0	8.4	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.1	1.2	.4	.1							8.2	6.9	6.0
020-040	1.3	2.2	.2									3.7	5.9	6.0
050-070	1.1	2.5	.9									4.4	7.0	8.0
(E) 080-100	2.8	4.3	.5	.2								7.8	6.2	6.0
110-130	3.3	2.3										5.6	4.0	4.0
140-160	3.7	2.6	.2									6.5	4.5	4.0
(S) 170-190	7.7	8.1	1.2	.1								17.1	5.5	5.0
200-220	5.3	6.5	2.0	.2	.5							14.5	6.6	6.0
230-250	1.4	.5	.1									2.0	3.6	4.0
(W) 260-280	2.3	1.1	.6	.1								4.1	5.3	4.0
290-310	1.5	1.4	.8	.3								4.0	6.8	7.0
320-340	1.3	3.0	1.4	.1								5.8	7.3	8.0
VARIABLE														
CALM	////////////////////											16.3	////////	
TOTALS	34.1	38.6	9.1	1.4	.6							100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	3.7	1.2	.2	.1							9.4	6.2	6.0
020-040	1.6	1.9	.5	.1								4.2	5.9	6.0
050-070	1.2	2.7	1.0									4.8	6.8	7.0
(E) 080-100	2.7	3.4	.3									6.5	5.5	5.0
110-130	1.7	1.0	.3									3.0	5.0	4.0
140-160	2.5	1.3	.3									4.1	4.7	4.0
(S) 170-190	4.5	3.7	.8	.3								9.2	5.6	5.0
200-220	7.0	3.7	.9	.3	.3							12.2	5.4	4.0
230-250	3.9	.6	.2									4.7	3.7	3.0
(W) 260-280	2.4	.9	.2	.1								3.5	4.4	4.0
290-310	1.2	1.3	.2	.2								2.9	5.4	5.0
320-340	1.7	1.9	.8	.1								4.5	6.1	6.0
VARIABLE														
CALM	////////////////////											31.0	////////	
TOTALS	34.6	26.1	6.7	1.3	.4							100.0	3.8	4.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	4.2	5.3	2.8	.6	.1							13.0	7.1	6.0
020-040	1.9	3.3	.8	.1		.0						6.1	6.2	6.0
050-070	1.0	2.5	1.3	.1								4.9	7.4	8.0
(E) 080-100	1.8	3.4	.9	.1								6.2	6.4	6.0
110-130	1.4	2.7	.4	.0								4.5	6.0	6.0
140-160	1.9	3.3	.5	.1	.0							5.8	6.0	6.0
(S) 170-190	3.2	5.3	3.1	.4	.0							12.2	7.4	7.0
200-220	3.0	3.1	1.8	.3	.2							8.4	7.0	6.0
230-250	2.1	1.5	.5	.0								4.1	5.3	4.0
(W) 260-280	2.1	2.0	1.4	.1	.0							5.5	6.6	6.0
290-310	1.6	1.8	1.2	.1								4.7	6.8	6.0
320-340	1.9	2.6	1.8	.2	.0							6.5	7.3	7.0
VARIABLE														
CALM	////////////////////											18.0	////////	
TOTALS	26.1	36.8	16.5	2.1	.3							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	11.5	8.3	2.1	.7							27.0	8.7	8.0
020-040	.9	7.4	2.6	.4		.1						11.5	8.2	8.0
050-070	2.2	4.4	1.8	.3								8.7	7.4	8.0
(E) 080-100	2.2	2.8	1.1	.1								6.2	6.3	5.0
110-130	1.5	.7	.8									2.9	6.9	5.0
140-160	2.4	1.6	.3									4.2	4.8	4.0
(S) 170-190	2.5	3.3	2.8	.1								8.7	7.0	6.5
200-220	1.7	1.6	2.4	.1	.3							6.1	8.2	8.0
230-250	1.1	.9	.4									2.4	6.1	6.0
(W) 260-280	.9	.5	.4	.1								2.0	6.5	6.0
290-310	1.2	1.1	2.1									4.4	7.5	8.0
320-340	1.6	2.8	2.1	.3								6.7	8.0	8.0
VARIABLE														
CALM	////////////////////											9.2	////////	
TOTALS	22.7	38.6	25.1	3.5	1.0	.1						100.0	7.0	8.0

TOTAL NUMBER OF OBSERVATIONS 758

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.4	1.4									6.7	6.1	5.0
020-040	1.1	1.1	.6									2.8	5.9	6.0
050-070	.7	1.7	.7									3.0	6.6	6.0
(E) 080-100	1.8	1.3	.4									3.6	5.4	4.5
110-130	.7	.6										1.2	5.2	4.0
140-160	1.3	1.4										2.8	5.2	5.0
(S) 170-190	3.4	3.0	.3									6.8	4.9	4.0
200-220	5.2	3.8	.4	.1								9.6	4.8	4.0
230-250	5.8	1.3	.2	.1								7.4	3.6	3.0
(W) 260-280	4.0	2.0										6.0	3.9	4.0
290-310	3.2	1.9	.1									5.2	4.1	4.0
320-340	3.1	3.0	.6	.1								6.8	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											38.2	////////	
TOTALS	33.1	23.5	4.7	.3								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.7	2.6	1.1									8.3	5.0	4.0
020-040	1.9	1.4	.8									4.1	5.8	5.0
050-070	.8	.7	.2									1.7	5.5	6.0
(E) 080-100	.8	.8	.6									2.1	6.6	6.0
110-130	.8	.9										1.7	4.9	5.0
140-160	1.6	1.3	.1									3.0	4.7	4.0
(S) 170-190	3.3	.6	.4									4.3	3.8	3.0
200-220	3.2	2.2	.2									5.7	4.6	4.0
230-250	4.1	1.4	.2									5.8	3.9	4.0
(W) 260-280	6.4	1.9										8.3	3.8	4.0
290-310	3.6	2.7										6.2	4.3	4.0
320-340	4.6	4.1	.7	.1								9.4	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											39.3	////////////////////////////////	
TOTALS	35.8	20.6	4.3	.1								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	4.4	1.3		.1							10.4	5.9	5.0
020-040	3.1	3.8	1.2	.1								8.2	6.1	6.0
050-070	.8	1.1	.2	.1								2.2	6.4	5.5
(E) 080-100	.7	1.0	.2									1.9	6.1	7.0
110-130	.8	1.9	.2									2.9	5.9	6.0
140-160	1.0	1.2	.4									2.7	6.1	5.5
(S) 170-190	2.6	2.8	.2									5.6	5.1	5.5
200-220	3.4	1.3	.4	.1								5.3	4.7	4.0
230-250	3.3	2.3	.3									6.0	4.7	4.0
(W) 260-280	5.3	4.9	.2									10.4	4.8	4.0
290-310	4.0	3.3	.4									7.8	4.7	4.0
320-340	3.7	3.2	1.9	.3								9.1	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											27.4	////////////////////////////////	
TOTALS	33.3	31.2	6.9	.6	.1							100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	3.6	4.7	.8								11.3	8.6	9.0
020-040	1.2	2.2	2.0	.1								5.6	7.7	8.0
050-070	1.3	2.6	1.8	.1								5.8	7.6	7.0
(E) 080-100	1.3	3.1	1.7	.1								6.2	7.4	7.5
110-130	2.3	4.4	1.0									7.8	6.1	6.0
140-160	2.0	4.7	1.6									8.2	6.5	6.0
(S) 170-190	1.6	4.9	2.3	.1								8.9	7.7	8.0
200-220	1.3	1.7	1.3	.1								4.4	7.5	7.0
230-250	1.8	2.1	.9									4.8	6.2	6.0
(W) 260-280	2.6	6.1	1.8									10.4	6.6	7.0
290-310	2.9	6.1	1.8	.1								10.9	6.8	6.5
320-340	2.4	4.3	3.7	.6	.1							11.1	8.2	8.0
VARIABLE														
CALM	////////////////////											4.6	////////	
TOTALS	23.0	45.8	24.6	2.0	.1							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	2.7	3.7	.2								7.2	9.2	10.0
020-040	.6	1.3	.8									2.7	7.3	7.5
050-070	.1	1.2	1.4	.1								2.9	9.6	10.0
(E) 080-100	.1	3.4	2.2	.3								6.1	9.1	8.0
110-130	.7	9.7	1.4									11.8	7.4	8.0
140-160	1.7	11.9	2.4	.4	.2							16.7	7.7	7.0
(S) 170-190	.7	7.9	9.3	1.0	.1							19.0	9.7	10.0
200-220	.2	.7	2.7	.7								4.2	11.4	12.0
230-250	.3	1.6	1.7									3.6	8.9	8.5
(W) 260-280	.7	3.9	2.6	.2	.1							7.4	8.6	8.0
290-310	.7	4.0	3.8	.6								9.0	9.2	9.0
320-340	1.3	3.4	3.6	.4								8.8	8.8	9.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	7.8	51.7	35.6	3.9	.4							100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.0	2.4	.4								5.3	9.1	10.0
020-040	.4	1.1	1.0									2.6	7.7	7.0
050-070	.1	1.2	.4	.1								1.9	8.8	8.0
(E) 080-100	.7	3.4	1.9	.1								6.1	8.0	8.0
110-130	1.3	8.0	1.4	.1								10.9	6.9	7.0
140-160	1.4	10.3	2.9	.1								14.8	7.5	7.0
(S) 170-190	.6	11.4	11.2	1.4	.1							24.8	9.6	10.0
200-220	.4	4.1	5.3	.7								10.6	9.7	10.0
230-250	.2	1.1	.2									1.6	6.7	6.0
(W) 260-280	.4	1.8	2.4	.1	.1							4.9	8.8	10.0
290-310	.7	3.8	4.2	.3								9.0	9.1	10.0
320-340	.4	2.9	2.9	.3								6.6	9.4	9.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////////////////////////////	
TOTALS	7.0	51.1	36.2	3.6	.2							100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 330-010	1.9	1.9	1.0									4.8	6.2	6.0
020-040	.6	1.1	.2									1.9	6.2	6.0
050-070	.8	1.1	.4	.1								2.4	7.0	6.0
(E) 080-100	1.9	3.4	1.0									6.3	6.2	5.0
110-130	4.3	3.7	.4									8.4	5.1	4.0
140-160	4.8	2.6	.8	.1								8.2	5.1	4.0
(S) 170-190	6.8	8.3	2.4	.8	.1							18.4	6.4	6.0
200-220	6.9	7.9	2.4									17.2	5.9	6.0
230-250	2.1	1.9		.1								4.1	4.9	4.0
(W) 260-280	2.6	2.3	.6									5.4	5.3	5.0
290-310	1.2	2.0	.3									3.6	5.9	6.0
320-340	1.4	2.4	1.3									5.2	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////	
TOTALS	35.3	38.6	10.8	1.1	.1							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.6	1.2	.3								5.6	7.0	6.0
020-040	1.0	1.0	.1		.1							2.2	5.8	5.0
050-070	1.7	1.9	.6	.1								4.2	6.5	6.0
(E) 080-100	1.8	2.7	.7									5.1	5.5	5.0
110-130	2.2	1.4										3.7	4.4	4.0
140-160	3.3	2.2	.6	.1								6.2	5.1	4.0
(S) 170-190	6.6	3.7	.6		.1							10.9	4.6	4.0
200-220	9.0	5.2	.9									15.1	4.4	4.0
230-250	5.8	2.1										7.9	3.7	4.0
(W) 260-280	1.3	1.3										2.7	4.8	4.5
290-310	1.2	1.0	.2									2.4	5.4	4.5
320-340	.9	1.9	.8									3.6	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											30.4	////////	
TOTALS	37.2	26.0	5.7	.5	.2							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	2.6	2.1	.2	.0							7.5	7.1	7.0
020-040	1.2	1.6	.8	.0	.0							3.7	6.6	6.0
050-070	.8	1.4	.7	.1								3.0	7.3	7.0
(E) 080-100	1.1	2.4	1.1	.1								4.7	7.0	7.0
110-130	1.6	3.8	.6	.0								6.0	6.2	6.0
140-160	2.1	4.5	1.1	.1	.0							7.8	6.6	6.0
(S) 170-190	3.2	5.3	3.4	.4	.1							12.3	7.5	8.0
200-220	3.7	3.4	1.7	.2								9.0	6.2	6.0
230-250	2.9	1.7	.4	.0								5.1	4.8	4.0
(W) 260-280	2.9	3.0	.9	.0	.0							7.0	5.8	5.0
290-310	2.2	3.1	1.4	.1								6.8	6.6	6.0
320-340	2.2	3.2	1.9	.2	.0							7.6	7.2	7.0
VARIABLE														
CALM	////////////////////											19.5	////////	
TOTALS	26.4	36.0	16.1	1.4	.1							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 7200



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	4.5	7.6	.7								17.4	8.1	8.0
020-040	1.3	4.2	2.9	.2								8.7	7.7	8.0
050-070	1.8	2.2	1.1									5.1	6.0	6.0
(E) 080-100	2.2	1.3	1.8									5.3	7.0	5.0
110-130	2.4	2.2	.7									5.3	5.1	5.0
140-160	1.8	2.9	.9		.2							5.8	7.1	6.0
(S) 170-190	2.9	3.3	1.3	.2								7.8	6.3	6.0
200-220	2.0	2.0	.7									4.7	6.2	6.0
230-250	1.3	.9										2.2	4.4	4.0
(W) 260-280	.9	2.2										3.1	5.9	6.0
290-310	.9	1.3										2.2	5.8	6.0
320-340	3.3	4.5	4.9	.9								13.6	8.3	9.0
VARIABLE														
CALM	////////////////////											18.7	////////	
TOTALS	25.5	31.5	21.9	2.0	.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 449

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.5	1.1									5.1	5.5	5.0
020-040	1.5	1.2	.2									2.9	5.2	4.0
050-070	.6	.6	.2									1.5	6.0	7.5
(E) 080-100	1.5	1.9	.4									3.9	5.9	6.0
110-130	2.0	.9	.2									3.1	4.6	4.0
140-160	1.2	1.1	.9									3.1	6.3	6.0
(S) 170-190	5.1	4.0	1.0									10.0	5.2	4.0
200-220	7.1	3.2	.6									11.0	4.2	4.0
230-250	5.9	1.7										7.6	3.4	3.0
(W) 260-280	2.3	1.4										3.7	4.0	4.0
290-310	1.8	1.1										2.9	4.0	4.0
320-340	1.6	1.2	.5									3.3	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											41.9	////////////////////////////////	
TOTALS	33.1	19.8	5.1									100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	2.4	.9									8.3	4.8	4.0
020-040	2.0	1.5	.1									3.7	4.9	4.0
050-070	.5	.4										1.0	5.4	4.0
(E) 080-100	1.0	.8	.3									2.0	5.1	5.0
110-130	.5	.6	.4									1.6	6.3	6.0
140-160	.6	.5	.2									1.4	5.9	5.0
(S) 170-190	2.7	2.8	.1	.1								5.7	4.7	5.0
200-220	5.6	1.7	.3									7.6	3.9	4.0
230-250	5.4	1.7	.1									7.2	3.6	3.0
(W) 260-280	4.0	1.1										5.1	3.3	4.0
290-310	1.6	.4										2.0	3.3	2.0
320-340	2.7	1.8	.3									4.8	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											49.6	////////////////////////////////	
TOTALS	31.7	15.7	2.7	.1								100.0	2.2	4.7

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	3.5	1.8	.1								11.1	5.4	4.0
020-040	3.1	4.3	.3									7.7	5.5	5.0
050-070	1.0	1.2	.1									2.3	4.9	5.0
(E) 080-100	1.7	1.0										2.7	4.3	4.0
110-130	1.3	.9	.4									2.6	5.3	4.5
140-160	1.0	.9	.1									1.9	5.5	5.0
(S) 170-190	3.3	2.2	.2									5.7	4.7	4.0
200-220	3.2	3.8	.4									7.4	5.2	5.0
230-250	4.7	3.9	.3									8.9	4.7	4.0
(W) 260-280	5.1	3.3	.1									8.5	4.3	4.0
290-310	2.9	2.2	.2									5.3	4.5	4.0
320-340	3.8	1.4	.4	.1								5.7	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											30.2	////////////////////////////////	
TOTALS	36.7	28.6	4.3	.2								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	4.3	2.7	.1								9.6	7.1	7.0
020-040	1.0	2.2	1.6									4.7	7.4	8.0
050-070	1.4	3.0	1.4									5.8	6.8	6.5
(E) 080-100	2.0	4.4	.8									7.2	6.2	6.0
110-130	2.8	6.0	.2									9.0	5.6	6.0
140-160	1.7	5.8	1.0									8.5	6.2	6.0
(S) 170-190	2.4	7.8	3.3									13.5	7.2	7.0
200-220	1.1	3.7	1.3	.1								6.1	7.0	7.0
230-250	2.0	4.3	.5									6.9	5.9	6.0
(W) 260-280	4.4	5.5	.8									10.6	5.6	5.0
290-310	2.6	4.3	.8									7.6	5.5	5.0
320-340	2.3	2.8	1.5	.1								6.7	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	26.2	54.1	15.9	.3								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.5	1.8	.1								3.7	9.4	10.0
020-040	.1	1.0	1.0									2.0	8.9	9.0
050-070	.5	1.7	.2	.1								2.6	7.0	7.0
(E) 080-100	.5	4.9	2.9									8.4	8.1	8.0
110-130	.8	9.1	.9									10.8	6.9	7.0
140-160	1.8	17.2	4.8									23.9	7.5	7.0
(S) 170-190	1.0	11.5	11.3	.6	.1							24.5	9.2	9.0
200-220	.3	1.8	4.0	.3								6.5	10.2	10.0
230-250	.6	1.3	.6									2.6	7.0	7.5
(W) 260-280	1.1	2.6	1.1	.1								4.8	7.3	7.0
290-310	.6	3.2	1.5									5.4	7.7	8.0
320-340	1.1	1.3	1.7	.3								4.4	7.9	9.0
VARIABLE														
CALM	////////////////////											.5	////////////////	
TOTALS	8.6	57.1	31.8	1.5	.1							100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.9	1.7	.3								3.3	9.6	10.0
020-040	.4	.9	.5									1.8	7.4	8.0
050-070	.2	.5	.3									1.1	7.2	7.0
(E) 080-100	.5	6.2	1.2									8.0	6.9	7.0
110-130	1.4	5.5	1.3	.1								8.3	6.9	7.0
140-160	1.3	12.6	4.8	.1								18.8	7.7	8.0
(S) 170-190	1.2	16.9	13.2	.4								31.7	9.0	9.0
200-220	1.7	3.1	7.7	1.0								13.5	9.8	10.0
230-250	.6	1.3	.2									2.2	5.8	6.0
(W) 260-280	.2	1.3	1.0									2.5	8.1	8.0
290-310	.6	2.0	1.3									4.0	7.6	8.0
320-340	.8	1.5	1.7	.1								4.1	8.3	9.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	9.3	52.7	34.9	2.0								100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.0	1.7									3.8	7.9	8.0
020-040	.6	.9	.5									2.0	6.2	6.0
050-070	1.4	.9	.3	.1								2.7	5.4	4.0
(E) 080-100	3.2	3.9	.2									7.3	5.2	5.0
110-130	3.2	3.1	.3	.1								6.8	5.1	5.0
140-160	4.9	5.7	1.3	.1								12.0	5.5	5.0
(S) 170-190	7.3	12.5	3.4	.1								23.3	6.1	6.0
200-220	6.9	12.7	3.4									23.0	6.4	6.0
230-250	2.0	.9										2.9	3.6	4.0
(W) 260-280	.9	.8										1.6	4.1	4.0
290-310	.8	1.0	.3									2.0	6.6	8.0
320-340	1.0	.5	.5									2.0	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	33.3	43.9	11.9	.4								100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.0	.8									2.3	7.2	6.0
020-040	1.2	1.3	.4									2.9	5.8	6.0
050-070	.6	.9	.1									1.6	5.1	5.0
(E) 080-100	3.9	2.7	.3									6.9	4.8	4.0
110-130	2.4	2.3										4.6	4.4	4.0
140-160	4.6	1.5	.8	.1								7.0	4.6	4.0
(S) 170-190	5.8	5.6	.9	.1								12.4	5.0	5.0
200-220	9.5	4.8	1.0									15.3	4.3	4.0
230-250	6.1	2.3										8.4	3.7	3.5
(W) 260-280	1.7	.9										2.6	4.0	4.0
290-310	.6	1.0										1.6	5.5	5.0
320-340	1.0	.8	.3									2.0	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											32.5	////////////////////////////////	
TOTALS	37.9	25.1	4.6	.2								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.0	1.6	.1								5.9	6.5	6.0
020-040	1.3	1.6	.6									3.5	6.2	6.0
050-070	.8	1.2	.3	.0								2.3	6.1	6.0
(E) 080-100	1.8	3.2	.8									5.8	6.1	6.0
110-130	1.8	3.5	.5	.0								5.8	5.9	6.0
140-160	2.2	5.7	1.7	.0								9.6	6.7	7.0
(S) 170-190	3.6	7.9	4.2	.2	.0							15.9	7.2	7.0
200-220	4.4	4.4	2.4	.2								11.3	6.3	6.0
230-250	3.4	2.2	.2									5.8	4.4	4.0
(W) 260-280	2.4	2.1	.4	.0								4.9	5.1	5.0
290-310	1.5	1.9	.5									3.9	5.8	5.0
320-340	1.8	1.4	.9	.1								4.1	6.0	5.0
VARIABLE														
CALM	////////////////////											21.2	////////	
TOTALS	27.2	37.1	14.1	.6								100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.0	2.2	7.7	.4								18.2	7.1	7.0
020-040	4.0	8.4	2.9									15.3	6.8	7.0
050-070	1.5	6.6	1.1	.4								9.5	7.2	7.0
(E) 080-100	3.3	5.1	1.8									10.2	6.2	6.0
110-130	1.8	1.5										3.3	4.7	4.0
140-160	.4	2.6	.4									3.3	7.1	8.0
(S) 170-190	.7	1.8	.7									3.3	6.7	7.0
200-220	2.9	1.5	.7									5.1	5.3	3.0
230-250	.7	.7										1.5	5.3	4.5
(W) 260-280	.4	.7	.4									1.5	6.5	7.0
290-310	.7	1.5	.4									2.6	5.6	6.0
320-340	.7	1.5										2.2	5.7	6.0
VARIABLE														
CALM	////////////////////											24.1	////////	
TOTALS	25.1	34.1	16.1	.8								100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 274

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	1.1	.1									3.9	3.7	3.0
020-040	2.6	1.9	.2									4.7	4.5	4.0
050-070	.8	.8	.2									1.8	5.6	5.5
(E) 080-100	1.1	1.3	.3									2.8	5.4	5.0
110-130	2.1	.9	.2									3.2	4.5	4.0
140-160	2.4	1.4	.2									4.1	4.4	4.0
(S) 170-190	3.7	2.4	.2									6.3	4.6	4.0
200-220	8.7	2.2	.1									11.0	3.3	3.0
230-250	9.6	2.4										12.0	3.4	3.0
(W) 260-280	3.8	1.9										5.7	3.9	4.0
290-310	1.4	.2	.2									1.9	3.7	3.0
320-340	2.2	.3	.1									2.7	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											40.0	////////	
TOTALS	41.1	16.8	1.8									100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	2.6	.1									8.0	4.1	3.0
020-040	4.0	2.2	.2									6.4	4.4	4.0
050-070	.7	.6	.2									1.4	5.3	6.0
(E) 080-100	1.0	.9										1.9	4.1	4.0
110-130	.6	1.1	.2									1.9	5.8	6.0
140-160	2.1	.9	.1									3.1	4.1	3.0
(S) 170-190	2.7	1.1	.1									3.9	4.1	4.0
200-220	6.6	1.0	.1									7.7	3.0	3.0
230-250	7.6	1.7										9.2	3.3	3.0
(W) 260-280	4.4	1.4										5.9	3.5	3.0
290-310	2.2	.4	.2									2.9	4.1	4.0
320-340	1.7	.2										1.9	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											45.8	////////////////////////////////	
TOTALS	38.9	14.1	1.2									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	5.0	.8									11.9	4.8	4.0
020-040	4.9	4.3	.3									9.6	4.9	4.0
050-070	2.0	1.4	.1									3.6	4.4	4.0
(E) 080-100	.8	1.1	.1									2.0	5.1	5.5
110-130	1.4	.7										2.1	4.2	4.0
140-160	2.3	2.0	.1									4.4	4.7	4.0
(S) 170-190	1.3	1.2										2.6	4.8	4.0
200-220	3.9	1.8	.3									6.0	4.3	4.0
230-250	7.8	3.9										11.7	3.7	4.0
(W) 260-280	7.7	3.3	.1									11.1	3.9	4.0
290-310	3.2	3.0	.1									6.3	4.9	4.0
320-340	3.2	.9										4.1	3.4	3.0
VARIABLE														
CALM	////////////////////											24.7	////////	
TOTALS	44.6	28.6	1.9									100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.6	1.0									5.2	6.4	6.0
020-040	3.1	3.8	1.9	.1								8.9	6.4	6.0
050-070	2.7	2.9	1.1									6.7	5.9	6.0
(E) 080-100	2.1	4.8	.3									7.2	6.0	6.0
110-130	2.1	4.4	.7									7.2	5.6	5.0
140-160	2.1	6.6	1.2									9.9	6.3	6.0
(S) 170-190	2.1	5.2	.7									8.0	6.1	6.0
200-220	2.1	3.1	.1									5.3	5.0	5.0
230-250	5.0	4.8	.3									10.1	4.9	5.0
(W) 260-280	5.2	6.1	.4									11.8	5.1	5.0
290-310	4.4	4.8	.6									9.8	5.0	5.0
320-340	3.2	2.7	.3									6.2	4.5	4.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	35.8	51.8	8.6	.1								100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.1	.8									3.4	7.5	8.0
020-040	.4	1.6	.8									2.8	7.4	8.0
050-070	.6	1.1	.2									1.9	6.2	6.0
(E) 080-100	.3	6.2	2.2	.1								8.9	7.7	7.5
110-130	1.0	9.2	1.9									12.1	7.2	7.0
140-160	1.4	14.3	3.7	.1								19.6	7.4	7.0
(S) 170-190	.9	12.9	9.0									22.8	8.4	8.0
200-220	1.2	4.1	2.6									7.9	7.9	8.0
230-250	1.0	1.9	.1									3.0	5.6	5.0
(W) 260-280	1.9	4.0	1.0									6.9	6.3	6.0
290-310	1.1	3.7	.7									5.4	6.3	6.0
320-340	1.2	2.3	.1									3.7	5.8	6.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	11.6	63.4	23.1	.2								100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	1.6	.6	.2								2.8	8.1	8.0
020-040	.1	1.1	.8	.1								2.1	8.6	9.0
050-070	.4	1.1	.4									2.0	7.1	7.0
(E) 080-100	1.0	4.8	1.4									7.2	7.2	8.0
110-130	1.6	10.3	1.2									13.1	7.0	7.0
140-160	.8	12.6	4.3									17.7	7.6	8.0
(S) 170-190	1.1	15.9	11.1	.4								28.6	8.7	8.0
200-220	1.3	6.2	7.4	.2								15.2	9.1	10.0
230-250	1.3	1.8	.2									3.3	5.4	5.0
(W) 260-280	.3	1.8				.1						2.2	7.2	6.5
290-310	.2	1.9	.3									2.4	6.7	6.0
320-340	.3	.9	.6									1.8	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	8.8	60.0	28.3	.9		.1						100.0	7.8	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.1	.3	.1								2.8	5.8	5.0
020-040	.8	1.8	.6	.2								3.3	6.7	6.0
050-070	.8	1.1	.2									2.1	5.8	5.0
(E) 080-100	1.8	4.8	.4									7.0	5.8	6.0
110-130	3.6	4.8	.4									8.8	5.1	5.0
140-160	6.2	6.6	.7									13.4	5.1	5.0
(S) 170-190	6.8	13.9	2.1									22.8	6.0	6.0
200-220	8.4	10.6	2.8	.1								21.9	5.8	5.0
230-250	2.9	1.8	.2									4.9	4.5	4.0
(W) 260-280	.7	.6										1.2	4.4	4.0
290-310	.7	.2										.9	3.4	4.0
320-340	.8	.3	.2			.1						1.4	6.7	3.0
VARIABLE														
CALM	////////////////////////////////////											9.4	////////////////////////////////	
TOTALS	34.7	47.6	7.9	.4		.1						100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.0	.1	.2								2.7	5.9	4.5
020-040	2.2	1.9	.2									4.3	4.7	4.0
050-070	1.7	.7	.1									2.4	4.3	4.0
(E) 080-100	2.3	2.6										4.9	4.6	5.0
110-130	1.9	1.6	.3									3.8	4.8	4.5
140-160	5.2	3.3	.1									8.7	4.5	4.0
(S) 170-190	4.9	3.6	.4									8.9	4.6	4.0
200-220	15.2	6.6	.6									22.3	4.0	4.0
230-250	8.2	1.4										9.7	3.3	3.0
(W) 260-280	1.4	.3										1.8	3.2	3.0
290-310	.7	.4										1.1	4.1	4.0
320-340	.4	.1	.1									.7	5.3	3.5
VARIABLE														
CALM	////////////////////											28.8	////////	
TOTALS	45.4	23.5	1.9	.2								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.1	.5	.1								5.1	5.3	5.0
020-040	2.3	2.3	.6	.1								5.3	5.6	5.0
050-070	1.2	1.2	.3									2.7	5.5	5.0
(E) 080-100	1.3	3.3	.6	.0								5.2	6.2	6.0
110-130	1.8	4.1	.6									6.5	6.1	6.0
140-160	2.8	6.0	1.3	.0								10.1	6.2	6.0
(S) 170-190	2.9	7.0	3.0	.1								13.0	7.0	7.0
200-220	5.9	4.4	1.8	.0								12.2	5.4	5.0
230-250	5.4	2.5	.1									8.0	3.9	4.0
(W) 260-280	3.2	2.4	.2			.0						5.8	4.6	4.0
290-310	1.8	1.8	.3									3.8	5.1	5.0
320-340	1.6	1.0	.2			.0						2.8	4.6	4.0
VARIABLE														
CALM	////////////////////											19.4	////////	
TOTALS	32.6	38.1	9.5	.3								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	12.2	2.3	1.4								22.5	6.8	6.0
020-040	5.6	3.8	.9	.9								11.3	5.8	4.5
050-070	1.9	3.3	1.4									6.6	6.9	6.0
(E) 080-100	2.8	7.0	.9									10.8	6.1	6.0
110-130	1.4	.5										1.9	3.5	3.5
140-160	.5	.9	.9									2.3	6.4	6.0
(S) 170-190	1.4	1.4	1.9									4.7	7.3	7.0
200-220	1.9	1.4	.5									3.8	4.9	4.5
230-250	2.8	1.9										4.7	3.9	4.0
(W) 260-280	2.3	.5				.5						3.3	6.1	3.0
290-310	4.7		2.3									7.0	5.5	4.0
320-340	3.8	1.9	.9			.5						7.0	6.2	4.0
VARIABLE														
CALM	////////////////////////////////////											14.1	////////////////////////////////	
TOTALS	35.7	34.8	12.0	2.3		1.0						100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 213

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	.9	.1									4.2	3.3	3.0
020-040	1.3	1.0										2.3	3.9	4.0
050-070	.6											.6	2.0	2.0
(E) 080-100	.5	.3										.9	4.3	4.0
110-130	1.4	.6	.1									2.2	4.6	4.0
140-160	1.1	.8			.1							1.9	5.1	4.0
(S) 170-190	2.2	2.5	.1									4.7	4.9	5.0
200-220	9.6	3.1	.5									13.2	3.9	3.0
230-250	12.2	1.8	.2									14.2	3.1	3.0
(W) 260-280	4.9	1.5										6.5	3.2	3.0
290-310	1.0	.2										1.2	2.8	2.0
320-340	1.4											1.4	1.7	2.0
VARIABLE														
CALM	////////////////////////////////////											46.8	////////////////////////////////	
TOTALS	39.4	12.7	1.0		.1							100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	.6										5.6	3.1	3.0
020-040	1.4	1.5										2.9	4.5	5.0
050-070	.3											.3	3.0	3.0
(E) 080-100	1.0	.3										1.3	3.2	3.0
110-130	.9	.2										1.1	4.2	4.0
140-160	1.0	.1			.1	.1	.1					1.4	8.2	3.0
(S) 170-190	1.7	.4										2.2	3.3	3.0
200-220	7.6	2.0	.2									9.9	3.5	3.0
230-250	7.3	1.8										9.1	3.2	3.0
(W) 260-280	6.9	1.2										8.1	3.0	3.0
290-310	3.5	.2										3.8	2.5	2.0
320-340	2.2	.9										3.0	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											51.4	////////	
TOTALS	38.7	9.2	.2		.1	.1	.1					100.0	1.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	2.6	.2									8.6	3.8	3.0
020-040	5.2	2.0	.3									7.5	4.2	4.0
050-070	1.0	.3										1.3	3.6	3.5
(E) 080-100	.2	.2										.4	5.0	5.0
110-130	.4	1.0										1.4	5.8	6.0
140-160	1.0	.5	.1									1.6	5.0	4.0
(S) 170-190	2.0	1.1	.1			.1	.1					3.4	5.2	3.0
200-220	6.5	3.3	.1									9.9	4.0	4.0
230-250	8.8	3.2	.1									12.2	3.8	4.0
(W) 260-280	7.7	3.4	.1									11.3	3.9	4.0
290-310	4.6	1.9										6.6	3.7	4.0
320-340	4.5	.9										5.4	3.2	3.0
VARIABLE														
CAIM	////////////////////////////////////											30.4	////////////////////////////////	
TOTALS	47.7	20.4	1.0			.1	.1					100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.3	.2									7.2	4.8	4.0
020-040	3.0	3.8	1.0									7.7	5.6	5.0
050-070	1.3	1.6										2.9	4.7	5.0
(E) 080-100	1.2	2.7	.1									4.0	5.8	6.0
110-130	1.4	2.9	.2									4.5	5.4	5.5
140-160	2.2	4.0	.6	.1								6.9	6.0	5.5
(S) 170-190	2.0	6.7	1.6	.2								10.5	6.9	7.0
200-220	3.3	3.4	1.0									7.7	5.5	5.0
230-250	6.5	5.9	.6									13.0	5.0	5.0
(W) 260-280	8.5	5.8	.2									14.5	4.4	4.0
290-310	5.1	2.8										7.8	3.8	4.0
320-340	4.1	2.4										6.5	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////	
TOTALS	42.3	45.3	5.5	.3								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.7	1.7	.2			.1						3.8	5.9	5.0
020-040	1.1	1.7	.2									3.0	5.8	6.0
050-070	.5	.6	.3									1.5	6.4	5.5
(E) 080-100	1.0	3.8										4.7	6.0	6.0
110-130	1.6	5.9	.8									8.3	6.1	6.0
140-160	3.2	10.8	2.7									16.7	6.6	6.0
(S) 170-190	1.0	16.9	12.9	.1								30.9	8.9	9.0
200-220	2.2	4.4	3.9	.8								11.2	8.5	8.5
230-250	2.3	2.9	.1									5.3	5.2	6.0
(W) 260-280	2.0	3.3	.2									5.6	5.6	6.0
290-310	2.9	1.9										4.8	4.2	4.0
320-340	1.0	.9										1.8	4.7	4.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	20.5	54.8	21.3	.9		.1						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.2	.2	.1								2.6	5.8	5.0
020-040	.4	.4										.9	5.0	4.5
050-070	.4	.3	.2									1.0	6.0	5.0
(E) 080-100	.9	3.1	.9									4.8	6.8	6.0
110-130	1.9	4.3	.8									7.0	6.4	6.0
140-160	3.8	8.3	1.4									13.4	6.3	6.0
(S) 170-190	3.1	18.4	13.0	.6								35.2	8.5	8.0
200-220	2.0	9.4	9.6	1.6								22.6	9.3	9.0
230-250	1.3	1.6	.3									3.2	5.5	5.0
(W) 260-280	1.5	1.5	.4									3.4	5.4	5.0
290-310	1.0	1.0	.1									2.0	4.6	5.0
320-340	.4	.3										.8	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	17.8	49.8	26.9	2.3								100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	.2	.3									1.3	6.0	4.0
020-040	.6	.8										1.4	4.5	5.0
050-070	.8	.3										1.1	4.2	4.0
(E) 080-100	2.2	2.4	.5									5.1	5.4	5.0
110-130	3.2	2.3	.1									5.6	4.3	4.0
140-160	3.9	3.2										7.1	4.6	4.0
(S) 170-190	7.0	12.4	3.0	.1								22.5	6.2	6.0
200-220	8.6	14.4	5.2	.2								28.4	6.5	6.0
230-250	5.9	1.8	.4		.1							8.3	4.2	4.0
(W) 260-280	1.6	.4	.1									2.2	3.3	2.5
290-310	.9	.4	.2									1.5	4.5	3.5
320-340	.4	.5	.2									1.2	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											14.5	////////	
TOTALS	35.9	39.1	10.0	.3	.1							100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.1	.2									2.2	3.3	2.5
020-040	1.5	.8										2.3	3.8	4.0
050-070	.4	.2										.6	3.3	3.0
(E) 080-100	1.7	1.1	.1									2.9	4.4	4.0
110-130	1.7	.6										2.4	3.5	3.5
140-160	2.9	1.4	.1	.2								4.6	4.6	4.0
(S) 170-190	3.2	4.9	.3									8.5	5.3	5.0
200-220	14.6	6.9	1.1									22.6	4.3	4.0
230-250	10.4	2.2	.1	.1								12.8	3.5	3.0
(W) 260-280	2.5	.4										2.9	3.0	2.0
290-310	.9	.1										1.0	2.8	2.0
320-340	.8	.1										.9	2.9	2.5
VARIABLE														
CALM	////////////////////											36.5	////////	
TOTALS	42.4	18.8	1.9	.3								100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.3	.2	.0		.0						4.4	4.2	4.0
020-040	1.8	1.5	.2									3.5	4.8	4.0
050-070	.7	.4	.1									1.2	4.6	4.0
(E) 080-100	1.1	1.7	.2									3.0	5.6	6.0
110-130	1.6	2.2	.2									4.0	5.4	5.0
140-160	2.4	3.6	.6	.0	.0	.0	.0					6.7	5.9	6.0
(S) 170-190	2.8	7.9	3.9	.1		.0	.0					14.7	7.5	8.0
200-220	6.8	5.9	2.7	.3								15.7	6.0	5.0
230-250	6.8	2.7	.2	.0	.0							9.8	4.0	4.0
(W) 260-280	4.5	2.2	.1									6.8	4.0	4.0
290-310	2.5	1.1	.0									3.6	3.7	4.0
320-340	1.8	.7	.0									2.6	3.6	3.0
VARIABLE														
CALM	////////////////////											24.0	////////	
TOTALS	35.7	31.2	8.4	.4								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.3	2.1	.5									10.9	3.7	4.0
020-040	6.2	2.6										8.8	3.9	3.0
050-070	1.0	.5										1.6	4.0	4.0
(E) 080-100	1.0	2.1										3.1	4.5	5.0
110-130	1.0	3.6										4.7	5.6	6.0
140-160	1.6	.5	1.0	1.0	.5		.5					5.2	11.7	10.0
(S) 170-190	2.6	4.7	1.0			.5	.5					9.3	8.6	7.5
200-220	5.2	4.1	1.6	.5								11.4	6.2	6.0
230-250	3.1	1.6										4.7	4.6	4.0
(W) 260-280	3.6	1.6	1.0									6.2	5.2	4.0
290-310	1.0	.5										1.6	4.0	2.0
320-340	5.7	2.1										7.8	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											24.9	////////////////////////////////	
TOTALS	40.3	26.0	5.1	1.5	.5	.5	1.0					100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 193

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	2.0	.2									8.2	3.9	4.0
020-040	2.9	1.0										3.9	3.5	3.0
050-070	.9											.9	2.6	2.5
(E) 080-100	1.1	.8	.1									1.9	5.1	4.0
110-130	1.4	.5										1.9	3.6	3.0
140-160	1.7	.2	.1									2.0	3.6	3.0
(S) 170-190	2.3	.6	.3	.1								3.3	5.1	4.0
200-220	4.5	1.7	.1									6.3	3.7	3.0
230-250	7.3	1.5										8.8	3.0	3.0
(W) 260-280	4.5	.8										5.3	3.1	3.0
290-310	1.0	.1										1.1	2.3	2.0
320-340	1.5	.2										1.7	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											54.6	////////	
TOTALS	35.0	9.4	.8	.1								100.0	1.6	3.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.9	3.4	.2									12.6	3.6	3.0
020-040	4.4	1.9										6.3	4.1	4.0
050-070	1.0	.1										1.1	3.2	3.0
(E) 080-100	.8	1.1	.1									1.9	4.8	5.0
110-130	.8	.5										1.3	3.8	3.5
140-160	.5	.2										.8	2.9	2.0
(S) 170-190	1.0	.4	.2									1.6	4.7	4.0
200-220	3.5	.2										3.8	2.5	2.0
230-250	5.5	.8										6.2	2.9	2.0
(W) 260-280	4.7	.6										5.4	3.0	3.0
290-310	1.9	.1										2.0	2.4	2.0
320-340	3.0											3.0	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											54.0	////////	
TOTALS	36.0	9.3	.5									100.0	1.6	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.6	3.8	.3									14.7	3.7	3.0
020-040	6.6	4.7	.2									11.5	4.4	4.0
050-070	1.2	.3										1.5	3.6	3.5
(E) 080-100	.4	.1										.5	3.0	2.0
110-130	1.0	.5	.1									1.6	4.5	4.0
140-160	1.1	.3	.1									1.5	3.9	3.5
(S) 170-190	1.0	.3	.1									1.4	4.6	4.0
200-220	3.0	.5										3.5	2.8	2.0
230-250	5.6	1.0										6.6	3.2	3.0
(W) 260-280	6.1	1.6										7.7	3.4	4.0
290-310	4.5	1.0										5.5	3.1	2.0
320-340	4.1	.2										4.3	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											39.6	////////////////////////////////	
TOTALS	45.2	14.3	.8									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	4.9	.6									10.1	4.9	5.0
020-040	5.4	4.7	.8									10.9	5.0	5.0
050-070	3.3	3.7	.3									7.3	5.1	5.0
(E) 080-100	3.3	1.9	.1									5.4	4.5	4.0
110-130	3.2	2.5	.1									5.8	4.3	4.0
140-160	4.3	1.8										6.1	4.0	4.0
(S) 170-190	2.6	3.7	.2		.1							6.6	5.7	5.0
200-220	2.8	1.5	.1									4.4	4.2	4.0
230-250	4.6	2.6										7.2	4.0	4.0
(W) 260-280	5.4	2.8	.1									8.3	4.1	4.0
290-310	7.1	2.9	.1									10.1	4.1	4.0
320-340	5.1	1.6	.1									6.8	3.5	3.0
VARIABLE														
CALM	////////////////////											11.1	////////	
TOTALS	51.6	34.6	2.5		.1							100.0	4.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	2.9	.8									6.1	6.1	6.0
020-040	1.4	2.7	.2									4.3	5.6	5.5
050-070	2.4	2.5	.8									5.6	5.8	6.0
(E) 080-100	2.7	4.1	.4									7.2	5.7	6.0
110-130	3.2	6.9	.4									10.5	5.6	6.0
140-160	5.6	10.5	.9	.1								17.1	5.9	6.0
(S) 170-190	4.0	15.1	4.5	.2								23.8	7.3	8.0
200-220	1.8	2.3	1.3	.1								5.5	7.0	7.0
230-250	2.2	1.3										3.4	4.2	4.0
(W) 260-280	2.5	1.7	.1									4.3	4.4	4.0
290-310	2.9	2.5										5.4	4.6	4.0
320-340	1.8	1.4	.2									3.4	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	33.0	53.9	9.6	.4								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.0	.9									4.7	5.8	5.5
020-040	1.5	2.3	.3									4.1	5.6	6.0
050-070	1.4	2.0	.5									4.0	5.9	5.0
(E) 080-100	2.7	5.1	.3									8.1	5.4	5.0
110-130	4.6	6.8	.2									11.6	5.2	5.0
140-160	4.4	9.0	.6									14.1	5.7	5.0
(S) 170-190	4.0	16.0	5.1	.1								25.2	7.3	8.0
200-220	1.8	8.7	4.9	.3								15.8	8.0	8.0
230-250	1.1	.8	.1									1.9	4.7	4.0
(W) 260-280	1.4	.8		.1								2.3	4.7	4.0
290-310	1.2	1.2										2.4	4.7	4.5
320-340	.4	1.1	.4									1.9	6.1	6.0
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	26.3	55.8	13.3	.5								100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	1.4	.1									4.6	4.2	4.0
020-040	2.5	2.0	.3									4.8	5.0	4.0
050-070	2.8	1.1	.1									4.0	3.6	3.0
(E) 080-100	4.6	1.9	.1									6.7	3.7	4.0
110-130	5.1	1.5										6.6	3.7	4.0
140-160	5.2	1.9	.3									7.4	4.1	4.0
(S) 170-190	5.7	7.8	.8									14.3	5.4	5.0
200-220	8.7	8.9	1.0									18.6	4.9	5.0
230-250	4.4	1.2										5.6	3.2	3.0
(W) 260-280	1.2	.3										1.5	3.6	3.5
290-310	.6	.1										.8	3.6	3.0
320-340	.5	.2	.2	.1								1.1	6.1	5.0
VARIABLE														
CALM	////////////////////											24.1	////////	
TOTALS	44.4	28.3	2.9	.1								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	1.0	.1									5.5	3.7	4.0
020-040	3.4	1.6										5.1	3.7	4.0
050-070	1.9	.9										2.8	3.8	3.5
(E) 080-100	2.9	1.0										3.9	3.8	4.0
110-130	2.8	.9	.2									3.9	4.0	3.5
140-160	3.5	1.1										4.6	3.6	3.0
(S) 170-190	3.8	1.4	.3									5.5	4.1	4.0
200-220	10.2	3.7	.2									14.1	3.6	3.0
230-250	7.4	1.4										8.8	2.9	2.5
(W) 260-280	1.1	.1										1.2	2.8	2.0
290-310	.3	.3										.6	4.7	4.5
320-340	.3	.4										.8	4.0	5.0
VARIABLE														
CALM	////////////////////////////////////											43.3	////////	
TOTALS	42.0	13.8	.8									100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	2.7	.4									8.3	4.3	4.0
020-040	3.5	2.6	.2									6.4	4.6	4.0
050-070	1.9	1.3	.2									3.4	4.8	4.0
(E) 080-100	2.3	2.0	.1									4.4	4.7	4.0
110-130	2.8	2.5	.1									5.4	4.7	4.0
140-160	3.3	3.1	.3	.0								6.7	5.0	5.0
(S) 170-190	3.0	5.7	1.4	.1	.0							10.2	6.4	6.0
200-220	4.6	3.4	1.0	.1								9.0	5.1	4.0
230-250	4.8	1.3	.0									6.1	3.3	3.0
(W) 260-280	3.4	1.1	.0	.0								4.5	3.7	4.0
290-310	2.4	1.0	.0									3.5	3.8	4.0
320-340	2.1	.6	.1	.0								2.9	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											29.2	////////////////////////////////	
TOTALS	39.3	27.3	3.8	.2								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	14.1	10.9	1.5									26.5	4.8	4.0
020-040	7.2	8.7	.4									16.3	5.1	5.0
050-070	3.0	.9										3.9	3.4	3.0
(E) 080-100	2.4	.2										2.6	2.9	2.0
110-130	.7	.2	.4									1.3	6.7	6.5
140-160	.7	.2	.4									1.3	6.7	4.5
(S) 170-190	.7	3.5	.7									4.8	7.0	7.0
200-220	2.8	.9	.2									3.9	4.2	3.5
230-250	4.1	.4										4.6	3.2	3.0
(W) 260-280	1.1											1.1	2.8	3.0
290-310	2.2											2.2	2.1	2.0
320-340	7.8	2.0	.7									10.4	3.9	3.5
VARIABLE														
CALM	////////////////////											21.1	////////////////	
TOTALS	46.8	27.9	4.3									100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 460

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.2	2.8	1.3	.1								13.4	4.3	3.0
020-040	8.8	7.1	.9									16.8	4.7	4.0
050-070	.4	.3	.1									.9	5.9	6.0
(E) 080-100	.8	.6										1.3	4.4	4.0
110-130	1.2	.2							.2			1.7	8.4	3.0
140-160	.7	.2										.9	3.5	2.5
(S) 170-190	.8	1.6	.1			.1						2.6	6.2	6.0
200-220	2.2	1.2										3.4	3.7	3.0
230-250	5.7	.3										6.0	2.4	2.0
(W) 260-280	3.6	.4										4.0	2.7	2.0
290-310	1.0	.7	.3									2.0	5.5	4.5
320-340	1.4	.4	.2									2.1	4.0	2.0
VARIABLE														
CALM	////////////////////////////////////											44.9	////////////////////////////////	
TOTALS	35.8	15.8	2.9	.1		.1			.2			100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	14.1	6.7	1.8	.1								22.7	4.5	4.0
020-040	6.9	6.7	.8									14.3	5.1	5.0
050-070	.7	.1										.8	3.3	3.0
(E) 080-100	.3	.2										.6	3.6	4.0
110-130	.6	.2										.8	3.6	4.0
140-160	.1					.2	.1					.4	21.3	25.0
(S) 170-190	.3	.3										.7	5.2	4.5
200-220	2.0	1.0										3.0	3.8	4.0
230-250	2.1	.3										2.4	3.0	3.0
(W) 260-280	4.2	.8										5.0	2.8	2.0
290-310	2.7	.4	.3	.3								3.8	4.8	4.0
320-340	2.7	.6										3.2	2.9	2.0
VARIABLE														
CALM	////////////////////											42.3	////////	
TOTALS	36.7	17.3	2.9	.4		.2	.1					100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.9	9.7	1.7	.1								25.3	4.8	4.0
020-040	10.2	8.7	1.8									20.7	5.1	5.0
050-070	1.3	.6	.1									2.0	4.5	4.0
(E) 080-100	.1	.4										.6	6.0	6.0
110-130														
140-160	.3											.3	2.0	2.0
(S) 170-190	.2	.1	.2		.1							.7	9.5	9.0
200-220	2.4	.6										3.0	3.2	2.0
230-250	2.4	.3	.1									2.9	3.4	3.0
(W) 260-280	4.8	1.1		.1	.1							6.1	3.9	3.0
290-310	3.9	.9	.3		.1							5.2	4.0	3.0
320-340	4.3	.6										4.9	3.1	3.0
VARIABLE														
CALM	////////////////////////////////////											28.3	////////	
TOTALS	43.8	23.0	4.2	.2	.3							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	7.7	6.3	3.1	.1								17.2	6.0	5.0
020-040	7.3	12.1	4.3	.1								23.9	6.3	6.0
050-070	3.3	4.0	1.4	.1								8.9	6.2	6.0
(E) 080-100	1.9	4.0	.7									6.6	5.9	6.0
110-130	1.7	1.6	.3									3.6	5.3	5.0
140-160	.8	1.4										2.2	5.0	6.0
(S) 170-190	.8	.8	.8	.1								2.4	6.7	6.0
200-220	1.2	.9	.2	.2								2.6	5.6	5.0
230-250	2.2	1.9	.1									4.2	4.6	4.0
(W) 260-280	5.1	3.1	.1	.2	.1							8.7	4.7	4.0
290-310	5.0	1.6										6.6	3.6	4.0
320-340	4.8	1.1	.2									6.1	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	41.8	38.8	11.2	.8	.1							100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.8	2.0	.1								7.7	7.2	7.0
020-040	3.3	7.1	2.8									13.2	6.9	7.0
050-070	1.7	5.3	2.3									9.3	6.9	6.0
(E) 080-100	2.6	7.3	.9									10.8	6.1	6.0
110-130	4.0	9.2	.6									13.8	5.7	6.0
140-160	4.1	6.7	.2									11.0	5.5	5.0
(S) 170-190	2.6	6.4	2.4	.1								11.6	7.1	7.0
200-220	.7	1.6	.8									3.0	7.0	7.0
230-250	1.2	2.3	.3									3.9	5.8	5.0
(W) 260-280	2.0	1.0	.3	.1								3.4	4.9	4.0
290-310	2.4	1.9	.3									4.7	4.7	4.0
320-340	2.6	1.4	.7									4.7	5.1	4.0
VARIABLE														
CALM	////////////////////											3.0	////////	
TOTALS	29.0	54.0	13.6	.3								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	4.0	1.0	.1								8.6	5.9	5.0
020-040	2.9	4.7	2.0									9.6	6.6	6.0
050-070	3.1	4.6	1.6	.1								9.3	6.1	6.0
(E) 080-100	5.1	8.3	.3									13.8	5.3	5.0
110-130	4.1	5.0	.3									9.4	5.0	5.0
140-160	5.1	5.1	.7	.1								11.0	5.2	5.0
(S) 170-190	5.0	10.6	1.9	.1								17.6	6.1	6.0
200-220	1.7	5.3	2.2	.2								9.4	7.0	6.0
230-250	1.1	.1	.1									1.3	3.8	3.5
(W) 260-280	.9	1.2	.4									2.6	5.6	5.0
290-310	.6	1.2	.2									2.0	5.9	5.5
320-340	1.9	.7	.2		.3							3.1	6.2	4.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	34.9	50.8	10.9	.6	.3							100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	1.7	.4									7.3	3.8	3.0
020-040	5.6	3.0	1.3		.1							10.0	5.2	4.0
050-070	4.7	2.3	.3	.1	.1							7.6	4.7	4.0
(E) 080-100	5.7	3.2	.2									9.1	4.1	3.0
110-130	2.6	.4										3.0	3.1	2.0
140-160	4.5	2.8										7.2	3.9	4.0
(S) 170-190	4.6	2.2	.1									6.9	4.1	4.0
200-220	9.1	3.8	.8	.1								13.8	4.2	3.0
230-250	3.2	.7	.1									4.0	3.5	3.0
(W) 260-280	.4	.3										.8	4.7	4.0
290-310	.4	.1	.2		.1							.9	7.6	5.0
320-340	1.4	.3	.9	.2								2.9	6.7	4.5
VARIABLE														
CALM	////////////////////////////////////											26.4	////////////////////////////////	
TOTALS	47.4	20.8	4.3	.4	.3							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 896



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.2	3.0	.8									9.0	4.5	4.0
020-040	8.4	5.6	.9									14.8	4.7	4.0
050-070	3.1	1.4				.1						4.7	4.4	4.0
(E) 080-100	1.8	1.4	.2			.1						3.6	5.2	4.5
110-130	1.2	.9	.1						.1			2.3	6.1	4.0
140-160	1.4	.6	.1									2.1	3.7	3.0
(S) 170-190	1.8	1.9										3.7	4.9	5.0
200-220	5.0	1.8										6.8	3.2	3.0
230-250	7.0											7.0	2.3	2.0
(W) 260-280	1.2	.4										1.7	3.1	2.0
290-310	1.1	.1	.4									1.7	5.3	3.0
320-340	1.7	.3	.4	.1								2.6	5.2	2.0
VARIABLE														
CALM	////////////////////////////////////											40.0	////////	
TOTALS	38.9	17.4	2.9	.1		.2			.1			100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	4.7	1.5	.1								13.9	5.0	4.0
020-040	6.7	6.9	1.8	.0	.0							15.4	5.5	5.0
050-070	2.3	2.3	.7	.0	.0	.0						5.4	5.7	5.0
(E) 080-100	2.3	3.2	.3			.0						5.8	5.3	5.0
110-130	1.9	2.2	.2						.0			4.3	5.3	5.0
140-160	2.1	2.1	.1	.0		.0	.0					4.4	5.1	5.0
(S) 170-190	2.0	3.0	.7	.0	.0	.0						5.8	6.1	6.0
200-220	3.0	2.0	.5	.1								5.6	4.8	4.0
230-250	3.1	.8	.1									4.0	3.4	3.0
(W) 260-280	2.8	1.1	.1	.1	.0							4.0	4.0	3.0
290-310	2.1	.9	.3	.0	.0							3.3	4.6	4.0
320-340	2.6	.7	.3	.0	.0							3.7	4.5	4.0
VARIABLE														
CALM	////////////////////											24.3	////////	
TOTALS	38.5	29.9	6.6	.3								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 7195

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.1	13.0	7.2	.7								31.1	6.7	6.0
020-040	6.9	12.7	5.4		.2							25.1	6.6	6.0
050-070	1.8	1.4	.7		.2	.2						4.3	7.3	5.0
(E) 080-100	1.3	1.1				.2						2.5	6.1	5.0
110-130	1.1	.9	.2						.2			2.4	8.2	5.0
140-160	.9	.5										1.4	4.6	4.0
(S) 170-190	.2	.2	.2									.5	5.7	5.0
200-220	.4	.2	.4									.9	5.8	5.0
230-250	.9	.5	.4									1.8	5.6	5.5
(W) 260-280	1.1	2.7	.9	.2								4.9	7.4	6.0
290-310	2.4	.5	.4		.4							3.6	6.2	3.5
320-340	2.4	2.2	1.4	.2	.5							6.7	7.8	6.0
VARIABLE														
CALM	////////////////////											14.6	////	////
TOTALS	29.5	35.9	17.2	1.1	1.3	.4			.2			100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 553

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.6	6.5	1.1	.1								18.3	4.6	4.0
020-040	8.4	6.5	.3									15.2	4.6	4.0
050-070	1.2	.9										2.0	4.4	4.0
(E) 080-100	.3	.3	.1									.8	5.0	5.0
110-130	1.4	.5	.4									2.4	5.4	4.0
140-160	.6	1.2	.4	.1								2.4	6.7	7.0
(S) 170-190	.8	.6	.3									1.7	5.9	5.5
200-220	2.2	.6										2.8	3.2	2.5
230-250	4.3	.6										4.9	3.1	3.0
(W) 260-280	3.2	.5										3.8	2.7	2.0
290-310	1.5	.5										2.0	3.7	4.0
320-340	3.2	.9	.1	.4								4.6	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											39.1	////////////////////////////////	
TOTALS	37.7	19.6	2.7	.6								100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.6	9.6	1.4	.1								22.7	4.9	4.0
020-040	7.8	6.0	.9									14.7	4.9	4.0
050-070	.6	.3	.3									1.3	5.9	4.5
(E) 080-100	.5	.2										.8	4.3	4.0
110-130	.5	.5	.3									1.4	5.4	5.0
140-160	.5	.4	.4									1.4	6.7	5.0
(S) 170-190	.6	1.1	.1									1.8	5.6	6.0
200-220	2.7	.2	.1									3.0	3.2	2.0
230-250	2.2	.3										2.5	3.0	3.0
(W) 260-280	2.8	.4	.1									3.3	3.3	3.0
290-310	3.0	.8	.1									3.9	3.4	3.0
320-340	5.8	1.5	.4	.3								8.1	4.3	4.0
VARIABLE														
CALM	////////////////////											35.2	////////	
TOTALS	38.6	21.3	4.1	.4								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.9	9.2	3.0									26.1	5.0	4.0
020-040	9.4	8.5	1.7									19.6	5.2	5.0
050-070	.9	1.1	.1									2.0	5.3	5.0
(E) 080-100	.3	.2	.1									.6	6.2	6.0
110-130	.6	.6	.2									1.5	5.6	6.0
140-160	.3	.5	.2									1.1	6.9	6.5
(S) 170-190	.8	1.1	.1									1.9	5.4	6.0
200-220	1.1	.3										1.4	4.2	4.0
230-250	2.7	.5										3.2	3.2	2.5
(W) 260-280	2.3	1.5										3.8	4.1	4.0
290-310	2.3	1.1	.3									3.7	4.6	4.0
320-340	5.3	2.3	.5									8.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											27.0	////////////////////////////////	
TOTALS	39.9	26.9	6.2									100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	9.5	6.9	1.1								24.4	7.3	7.0
020-040	7.4	11.5	3.9	.1								22.9	6.4	6.0
050-070	3.2	4.6	1.3									9.1	5.7	5.0
(E) 080-100	1.9	3.0	.1									5.1	5.3	5.0
110-130	1.1	1.6	.6									3.3	6.1	5.0
140-160	1.5	1.8	.4									3.8	5.4	5.0
(S) 170-190	1.4	2.6	.1									4.1	5.7	6.0
200-220	.8	1.3	.5									2.6	6.3	6.0
230-250	1.7	1.3										3.0	4.2	4.0
(W) 260-280	1.6	2.4	.6									4.6	5.7	5.0
290-310	3.3	2.0	.1									5.5	4.3	4.0
320-340	2.5	2.7	1.6	.1								6.9	6.4	6.0
VARIABLE														
CALM	////////////////////											4.7	////////	
TOTALS	33.4	44.3	16.1	1.3								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	7.4	5.6	.4								15.3	8.4	9.0
020-040	3.5	7.7	3.0									14.3	6.7	6.0
050-070	2.5	3.2	1.3									7.0	6.1	6.0
(E) 080-100	3.0	7.4	.8									11.2	5.8	6.0
110-130	3.9	7.5	.2	.1								11.7	5.7	6.0
140-160	2.3	6.9	.4									9.6	6.0	6.0
(S) 170-190	1.6	5.2	1.2	.2								8.2	7.0	6.5
200-220	1.1	1.6	1.0	.2								3.9	7.4	8.0
230-250	1.1	.8										1.8	4.8	4.0
(W) 260-280	1.3	2.4	.3									4.0	5.6	6.0
290-310	1.5	1.8	.5									3.9	5.8	5.0
320-340	2.2	2.8	2.7	.2	.1							8.0	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	25.8	54.7	17.0	1.1	.1							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	7.4	3.0	.5	.1							13.9	7.5	8.0
020-040	3.7	5.1	2.3									11.0	6.3	6.0
050-070	2.7	3.7	.3									6.7	5.3	5.0
(E) 080-100	3.8	4.7	.3									8.8	5.2	5.0
110-130	6.8	5.1	.4	.1								12.4	4.7	4.0
140-160	5.4	4.8	.2									10.4	4.6	4.0
(S) 170-190	4.3	7.0	1.3									12.6	5.9	6.0
200-220	1.6	3.3	1.4									6.3	6.8	7.0
230-250	1.3	1.3	.1									2.7	4.9	5.0
(W) 260-280	1.2	1.0										2.2	4.5	4.0
290-310	1.4	1.7	.6	.1								3.9	6.7	6.0
320-340	1.3	2.4	1.5	.2								5.4	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////	
TOTALS	36.3	47.5	11.4	.9	.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	8.5	3.4	.9	.3								13.1	4.7	4.0
020-040	4.5	3.8	.6	.1								9.0	5.1	4.5
050-070	3.1	2.6	.2									5.9	4.8	4.0
(E) 080-100	3.8	.9										4.6	3.0	2.0
110-130	3.5	1.1	.1									4.7	3.5	3.0
140-160	2.2	1.6	.1	.1								4.0	5.1	4.0
(S) 170-190	3.7	.9	.2									4.7	3.9	3.5
200-220	4.9	3.2	.1									8.3	4.5	4.0
230-250	2.7	.3										3.0	2.8	2.0
(W) 260-280	1.0	.3										1.3	3.4	3.0
290-310	1.5	.8	.1									2.4	4.1	3.5
320-340	1.1	.9	.3	.1								2.4	6.3	5.5
VARIABLE														
CALM	////////////////////////////////////											36.6	////////	
TOTALS	40.5	19.8	2.6	.6								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.4	3.9	1.0	.1								16.3	4.2	3.0
020-040	6.6	5.8	1.1									13.4	5.0	5.0
050-070	1.3	1.3	.2									2.8	5.0	5.0
(E) 080-100	1.2	.6										1.8	4.3	4.0
110-130	2.4	.6	.3									3.3	4.2	4.0
140-160	1.3	1.3	.4	.2								3.2	6.6	6.0
(S) 170-190	1.3	.4										1.7	3.9	4.0
200-220	3.8	1.3										5.1	3.6	3.0
230-250	4.5	.5										5.1	2.8	2.0
(W) 260-280	1.8	.4	.2									2.5	3.5	2.0
290-310	1.3	.3										1.6	3.5	3.0
320-340	1.1	.5	.1	.3								2.0	6.5	4.0
VARIABLE														
CALM	////////////////////////////////////											41.1	////////	
TOTALS	38.0	16.9	3.3	.6								100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.5	7.1	2.8	.3	.0							10.8	5.8	5.0
020-040	6.4	6.9	1.7	.0								15.0	5.6	5.0
050-070	1.9	2.2	.5									4.6	5.4	5.0
(E) 080-100	1.9	2.2	.2									4.2	5.1	5.0
110-130	2.5	2.2	.3	.0								5.1	5.0	5.0
140-160	1.8	2.3	.3	.1								4.5	5.6	5.0
(S) 170-190	1.8	2.4	.4	.0								4.6	5.7	6.0
200-220	2.3	1.5	.4	.0								4.2	5.0	4.0
230-250	2.6	.7	.0									3.3	3.4	3.0
(W) 260-280	1.9	1.1	.2									3.2	4.3	4.0
290-310	2.0	1.1	.2	.0								3.3	4.7	4.0
320-340	2.8	1.7	.9	.2	.0							5.7	5.9	5.0
VARIABLE														
CALM	////////////////////											23.6	////////	
TOTALS	36.4	31.4	7.9	.6								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.8	8.9	3.4	.7	.2							23.0	6.3	5.0
020-040	8.5	15.7	3.6									27.7	6.3	6.0
050-070	2.9	6.3	2.2									11.4	6.5	6.0
(E) 080-100	1.3	2.2	.2									3.8	5.6	5.0
110-130	.9	.7	.2									1.8	5.1	4.5
140-160	.2	.2	.2									.7	6.7	8.0
(S) 170-190	.7	.2	.7									1.6	7.6	7.0
200-220	1.1		.2									1.3	5.3	4.0
230-250	1.1	.2										1.3	3.5	4.0
(W) 260-280	.9	.4										1.3	3.7	4.0
290-310	2.0	1.3	.2									3.6	5.0	4.0
320-340	3.1	1.8	2.2	.7								7.8	7.2	5.0
VARIABLE														
CALM	////////////////////////////////////											14.5	////////	
TOTALS	32.5	37.9	13.1	1.4	.2							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 447

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.0	4.3	2.3	.2								14.9	5.5	4.0
020-040	4.9	4.4	.1									9.4	4.9	4.0
050-070	1.8	1.3										3.1	4.2	4.0
(E) 080-100	.4	.3										.8	4.7	4.0
110-130	.1	.3										.4	6.0	6.0
140-160	1.1	.4	.3									1.9	5.2	4.0
(S) 170-190	1.9	1.1	.4									3.4	5.4	4.0
200-220	2.3	2.2	.4									5.0	5.3	5.0
230-250	4.7	1.1	.1									5.9	3.4	4.0
(W) 260-280	3.8	1.7	.2									5.7	4.1	4.0
290-310	1.8	1.2										3.0	4.3	4.0
320-340	2.7	1.7	.9	.1								5.3	5.7	4.5
VARIABLE														
CALM	////////////////////////////////////											41.1	////////////////////////////////	
TOTALS	33.5	20.0	4.7	.3								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	12.2	4.4	2.0									18.7	4.5	4.0
020-040	3.9	5.4	.9									10.2	5.6	6.0
050-070	.6	.8										1.3	5.0	6.0
(E) 080-100	.4											.4	3.3	3.0
110-130	.2	.4										.7	5.2	6.0
140-160	.7	.4	.1									1.2	4.8	4.0
(S) 170-190	1.1	1.6	.4									3.1	6.0	6.0
200-220	1.4	1.6	.1		.1							3.2	5.4	5.0
230-250	3.9	1.1	.1									5.1	3.5	3.0
(W) 260-280	4.1	1.1										5.2	3.8	3.0
290-310	4.7	1.1	.7									6.4	4.4	4.0
320-340	3.1	2.1	1.3									6.6	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											37.8	////////////////////////////////	
TOTALS	36.3	20.0	5.6		.1							100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	12.0	5.9	2.0									19.9	4.6	4.0
020-040	6.9	6.0	.8	.1								13.8	5.0	4.5
050-070	1.0	.8	.2									2.0	4.9	4.5
(E) 080-100	.8	.3										1.1	4.0	3.5
110-130	.8	.1	.1									1.0	4.4	4.0
140-160	.3	.4	.7									1.4	7.0	6.0
(S) 170-190	1.2	1.6	.1									2.9	5.3	5.0
200-220	1.1	2.0	.2									3.3	5.4	6.0
230-250	3.2	1.7	.3									5.2	4.1	4.0
(W) 260-280	3.0	1.3										4.3	4.2	4.0
290-310	3.4	2.2	.4									6.1	5.2	4.0
320-340	4.7	2.9	.8	.1								8.4	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											30.4	////////	
TOTALS	38.4	25.2	5.6	.2								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	8.2	7.2	5.4	.6								21.4	6.7	6.0
020-040	4.4	6.9	2.8	.1								16.2	6.4	6.0
050-070	2.6	4.1	.4									7.1	5.5	5.5
(E) 080-100	2.9	3.7	.4									7.0	5.2	5.0
110-130	1.4	.7	.2									2.3	4.6	4.0
140-160	1.7	.7	.4	.2								3.0	6.0	4.0
(S) 170-190	1.8	2.9	.8									5.4	6.4	7.0
200-220	.8	1.6	.8									3.1	7.2	8.0
230-250	2.1	1.7	.9									4.7	5.9	5.0
(W) 260-280	3.3	3.1	.6	.2								7.2	5.5	6.0
290-310	1.9	3.1	1.4	.2	.1							6.8	7.0	6.0
320-340	1.7	2.4	2.1	.2	.1							6.6	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////										9.1	////////////////////////////////		
TOTALS	32.8	40.1	16.2	1.5	.2							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	5.7	5.1	.8	.3							14.1	8.8	9.0
020-040	1.7	4.3	1.6									7.6	6.8	6.0
050-070	1.8	4.7	.7									7.1	6.3	6.0
(E) 080-100	3.7	6.7	.6									10.9	5.6	6.0
110-130	4.3	4.8	.4									9.6	5.0	5.0
140-160	4.0	4.2	.4									8.7	5.3	5.0
(S) 170-190	2.2	6.3	1.9	.1								10.6	6.9	7.0
200-220	.7	1.4	1.0	.1	.1							3.3	8.2	8.0
230-250	.8	2.7	1.1									4.6	6.8	6.0
(W) 260-280	1.8	2.7	1.7	.1								6.2	7.2	7.5
290-310	1.3	2.4	2.3	.1								6.2	7.7	7.5
320-340	1.3	3.2	3.9	.4								8.9	8.7	9.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////	
TOTALS	25.8	49.1	20.7	1.6	.4							100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	5.2	4.0	.3								13.1	7.3	7.0
020-040	1.4	2.3	.7									4.4	6.3	6.0
050-070	2.9	3.4	.4									6.8	5.3	5.0
(E) 080-100	5.0	4.2	.4									9.7	4.8	4.0
110-130	6.2	2.6	.2									9.0	4.1	4.0
140-160	5.4	2.3	.1									7.9	4.0	4.0
(S) 170-190	5.6	6.9	.4									12.9	5.1	5.0
200-220	2.6	3.3	1.0									6.9	6.1	6.0
230-250	1.2	1.6	.2									3.0	5.2	5.0
(W) 260-280	1.1	2.6	1.1									4.8	7.0	7.0
290-310	1.0	3.1	1.8	.1								6.0	7.5	8.0
320-340	1.6	2.6	2.4	.6								7.1	8.4	8.0
VARIABLE														
CALM	////////////////////											8.4	////////	
TOTALS	37.6	40.1	12.7	1.0								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	3.1	1.1									9.0	5.2	4.0
020-040	2.7	2.9	.7									6.2	5.5	5.5
050-070	3.8	1.9										5.7	4.1	4.0
(E) 080-100	3.3	.9	.4									4.7	4.3	4.0
110-130	1.3	.7	.2									2.2	4.3	4.0
140-160	1.6	.3	.2									2.1	4.3	3.0
(S) 170-190	3.3	1.3	.1									4.8	3.8	4.0
200-220	5.8	2.3	.3									8.4	4.2	4.0
230-250	3.3	1.0										4.3	3.4	3.0
(W) 260-280	2.3	.7										3.0	3.6	4.0
290-310	1.1	2.3										3.4	5.5	6.0
320-340	1.7	1.7	.3									3.7	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											42.4	////////////////////////////////	
TOTALS	35.0	19.1	3.3									100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	4.9	1.2									11.8	5.2	5.0
020-040	3.7	3.1	.8									7.6	5.2	5.0
050-070	3.6	1.6	.4	.1								5.7	4.7	4.0
(E) 080-100	1.8	.6	.1									2.4	3.6	3.0
110-130	.2	.9	.1									1.2	5.9	6.0
140-160	1.2	.7	.1		.1							2.1	5.3	4.0
(S) 170-190	2.1	2.1	.2									4.4	5.2	5.0
200-220	4.6	2.2	.3									7.1	4.1	3.5
230-250	4.8	1.4	.1									6.3	3.8	4.0
(W) 260-280	2.8	1.2										4.0	4.1	4.0
290-310	1.0	1.8	.4									3.2	6.0	6.0
320-340	.6	.9	.6									2.0	7.3	7.5
VARIABLE														
CALM	////////////////////////////////////											42.1	////////////////////////////////	
TOTALS	32.1	21.4	4.3	.1	.1							100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	5.1	2.9	.2	.0							15.4	5.9	5.0
020-040	3.7	4.7	1.0	.0								9.4	5.7	6.0
050-070	2.2	2.3	.3	.0								4.8	5.2	5.0
(E) 080-100	2.3	2.1	.3									4.6	4.9	5.0
110-130	1.8	1.3	.2									3.3	4.6	4.0
140-160	2.0	1.2	.3	.0	.0							3.5	5.0	4.0
(S) 170-190	2.4	3.0	.6	.0								5.9	5.6	5.0
200-220	2.4	2.1	.5	.0	.0							5.1	5.4	5.0
230-250	3.0	1.5	.4									4.9	4.4	4.0
(W) 260-280	2.8	1.8	.4	.0								5.1	5.1	4.0
290-310	2.0	2.2	.9	.1	.0							5.2	6.1	6.0
320-340	2.2	2.2	1.5	.2	.0							6.1	6.8	6.0
VARIABLE														
CALM	////////////////////											26.7	////////	
TOTALS	33.9	29.5	9.3	.5								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	9.7	3.0									20.5	6.0	6.0
020-040	4.3	9.1	3.4									16.9	6.5	6.0
050-070	2.2	4.0	1.0	.1								7.5	6.4	6.0
(E) 080-100	2.4	2.7	.9									6.0	5.9	6.0
110-130	1.0	.6	.4									2.1	5.6	4.5
140-160	1.0	.3	.1	.3								1.8	6.5	4.0
(S) 170-190	1.9	1.0	.7	.1								3.9	6.3	4.5
200-220	1.5	1.8	.9									4.2	6.3	7.0
230-250	2.1	.9										3.0	3.5	3.5
(W) 260-280	2.5	.9	.1									3.6	4.2	4.0
290-310	1.6	1.5	1.5									4.6	6.9	6.0
320-340	3.0	4.2	2.7	.4								10.3	7.4	7.0
VARIABLE														
CALM	////////////////////											15.7	////////////////	
TOTALS	31.3	36.7	14.7	.9								100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	6.0	2.4	.1								16.3	5.4	5.0
020-040	3.0	3.7	.5									7.2	5.3	5.0
050-070	.9	.3	.3									1.5	5.9	4.0
(E) 080-100	.3	.2	.4									1.0	7.1	6.0
110-130	.4	1.1	.2									1.7	6.0	6.0
140-160	.8	.3	.1	.2								1.4	6.8	4.0
(S) 170-190	1.4	.8	.4	.1								2.7	5.6	4.0
200-220	2.9	2.7	.9									6.5	5.6	5.0
230-250	4.2	1.4										5.6	3.9	4.0
(W) 260-280	2.4	2.0										4.4	4.7	4.0
290-310	2.3	3.0	.4	.1								5.8	5.7	5.5
320-340	2.3	4.6	1.8									8.7	6.7	7.0
VARIABLE														
CALM	////////////////////////////////////											37.2	////////	
TOTALS	28.7	26.1	7.4	.5								100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.5	6.3	3.2									20.1	5.4	4.0
020-040	1.0	3.4	.8									5.2	6.7	6.5
050-070	.6	.8	.4									1.8	6.6	7.0
(E) 080-100	.3	.3	.2									.9	6.6	6.0
110-130	.3	.6										1.0	5.9	6.0
140-160	.2	.2	.1									.5	5.6	5.0
(S) 170-190	1.0	1.3	.3									2.6	5.7	5.0
200-220	2.7	2.5	.1									5.3	4.9	4.0
230-250	3.8	2.3	.3									6.3	4.6	4.0
(W) 260-280	3.8	2.5	.1									6.3	4.4	4.0
290-310	2.7	3.2	.4									6.3	5.2	5.0
320-340	4.3	4.3	1.7									10.3	5.6	5.5
VARIABLE														
CALM	////////////////////											33.3	////////	
TOTALS	31.2	27.7	7.6									100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.5	8.0	3.1	.2	.1							20.9	5.8	5.0
020-040	3.2	4.0	.5	.1								7.8	5.8	6.0
050-070	.2	.9	.1									1.2	6.3	6.0
(E) 080-100	.1	.9										1.0	6.0	6.0
110-130	.3	.1	.1									.5	5.4	2.0
140-160	.4	.1	.1									.6	4.3	3.0
(S) 170-190	1.4	1.7	.3									3.4	5.5	5.0
200-220	2.5	2.0	.5									5.1	5.1	5.0
230-250	3.4	2.6										6.0	4.2	4.0
(W) 260-280	4.6	3.1	.1									7.8	4.2	4.0
290-310	2.9	3.1	.2	.2								6.5	5.4	5.0
320-340	4.0	3.4	2.0	.3								9.8	6.4	6.0
VARIABLE														
CALM	////////////////////											29.4	////////	
TOTALS	32.5	29.9	7.0	.8	.1							100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	9.9	5.6	.8	.2							22.8	7.3	7.0
020-040	3.0	6.2	2.3									11.5	6.4	6.0
050-070	1.1	1.8	1.1									4.0	6.7	6.0
(E) 080-100	.6	1.2	.3									2.2	6.3	6.0
110-130	.4	1.0	.1									1.5	5.6	5.5
140-160	2.2	.5										2.7	3.8	4.0
(S) 170-190	1.1	2.3	.1									3.4	5.5	6.0
200-220	1.3	2.6	1.1									4.9	6.7	7.0
230-250	2.6	2.7	.4									5.7	5.5	5.0
(W) 260-280	4.4	5.6	.6	.2								10.9	5.7	6.0
290-310	1.9	4.1	1.1									7.1	6.5	6.0
320-340	3.8	2.9	2.4	1.4	.2							10.6	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											12.7	////////	
TOTALS	28.7	40.8	15.1	2.4	.4							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	7.0	6.0	1.3	.1							19.5	7.9	8.0
020-040	1.6	3.5	.9									6.0	6.6	7.0
050-070	1.6	2.2	.9									4.6	6.3	7.0
(E) 080-100	1.4	3.1	.4									4.9	6.0	6.0
110-130	1.8	2.5										4.3	4.9	5.0
140-160	3.5	2.9	.2									6.7	4.8	4.0
(S) 170-190	2.5	4.8	2.5									9.8	7.2	7.0
200-220	1.1	2.5	1.1									4.6	7.0	7.0
230-250	1.8	1.8	.8									4.4	6.0	6.0
(W) 260-280	1.9	5.7	.6	.1								8.4	6.2	6.0
290-310	2.5	3.9	2.3	.6								9.2	7.6	7.0
320-340	2.9	5.1	3.1	1.2	.2							12.5	8.3	7.5
VARIABLE														
CALM	////////////////////////////////////											5.1	////////////////////////////////	
TOTALS	27.7	45.0	18.8	3.2	.3							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	6.6	4.1	.6	.1							16.1	7.3	7.0
020-040	1.2	2.9	.8									4.8	6.7	8.0
050-070	1.2	.6	.2									2.0	4.9	4.0
(E) 080-100	3.0	2.5	.3									5.8	5.0	4.0
110-130	3.4	.9	.1	.1								4.5	4.2	4.0
140-160	5.1	2.3		.1								7.4	4.1	4.0
(S) 170-190	6.0	7.5	2.0									15.6	5.9	6.0
200-220	2.3	3.2	1.3	.1								6.9	6.4	6.0
230-250	2.6	1.8	.3									4.7	4.9	4.0
(W) 260-280	1.8	1.9	.2									4.0	4.9	5.0
290-310	2.0	2.6	2.3	.2								7.1	7.3	7.0
320-340	2.2	4.2	3.4	1.0	.1							10.9	8.5	8.0
VARIABLE														
CALM	////////////////////											10.1	////////	
TOTALS	35.5	37.0	15.0	2.1	.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.5	4.1	2.2	.4	.2							12.4	6.5	6.0
020-040	2.5	2.7	.8									5.9	5.7	6.0
050-070	1.7	1.0	.1									2.8	4.2	4.0
(E) 080-100	1.0	1.1	.2									2.3	5.2	5.0
110-130	1.0	.4	.1									1.5	3.8	3.0
140-160	1.3	.3	.2									1.8	4.6	4.0
(S) 170-190	3.3	3.2	.3									6.9	4.8	5.0
200-220	5.4	2.9	.4									8.7	4.5	4.0
230-250	3.1	.6	.1	.1								4.0	3.9	4.0
(W) 260-280	1.3	1.0	.1									2.4	5.0	4.0
290-310	1.5	1.5	.3									3.3	5.4	5.0
320-340	2.0	3.2	1.7	.3								7.3	7.1	6.5
VARIABLE														
CALM	////////////////////////////////////											40.8	////////////////////////////////	
TOTALS	29.6	22.0	6.5	.8	.2							100.0	3.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	4.3	2.8	.3								13.8	6.0	5.0
020-040	2.5	3.0	.3									5.8	5.4	5.0
050-070	.9	1.0	.4	.1								2.4	6.4	5.5
(E) 080-100	1.2	.6										1.8	4.0	4.0
110-130	1.1	.5	.4									2.0	5.7	4.0
140-160	.9	.4	.1	.1								1.5	5.3	3.5
(S) 170-190	2.9	1.1	.5									4.5	4.6	4.0
200-220	5.5	2.0	.5									8.1	4.2	3.0
230-250	4.2	2.2										6.3	3.8	4.0
(W) 260-280	1.3	.8	.2									2.3	4.8	4.0
290-310	1.6	1.6	.5	.2								4.0	6.2	6.0
320-340	3.2	2.8	1.4									7.4	6.0	5.0
VARIABLE														
CALM	////////////////////////////////////											40.1	////////////////////////////////	
TOTALS	31.6	20.3	7.1	.7								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	6.5	3.7	.5	.1							17.7	6.5	6.0
020-040	2.2	3.7	.8	.0								6.8	6.1	6.0
050-070	1.0	1.1	.4	.0								2.5	6.0	5.0
(E) 080-100	1.0	1.2	.2									2.5	5.5	5.0
110-130	1.1	.9	.1	.0								2.1	5.0	4.0
140-160	1.8	.9	.1	.1								2.8	4.6	4.0
(S) 170-190	2.4	2.8	.8	.0								6.1	5.8	5.0
200-220	2.9	2.6	.7	.0								6.2	5.4	5.0
230-250	3.2	1.9	.2	.0								5.4	4.6	4.0
(W) 260-280	2.7	2.8	.3	.0								5.8	5.1	5.0
290-310	2.2	2.9	.9	.2								6.2	6.3	6.0
320-340	3.1	3.8	2.2	.5	.1							9.7	7.2	7.0
VARIABLE														
CALM	////////////////////											26.1	////////	
TOTALS	30.6	31.1	10.4	1.3	.2							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	14.6	8.1	.4	.3							31.3	7.2	7.0
020-040	3.8	6.4	1.8									11.9	6.3	7.0
050-070	1.7	1.7	1.4	.1								4.9	6.7	6.0
(E) 080-100	.8	1.2	1.1									3.1	7.5	7.0
110-130	1.2	1.0	.2	.1								2.6	5.6	5.0
140-160	1.6	.4	.2	.2								2.5	5.1	3.5
(S) 170-190	1.6	2.0	.4									4.0	5.4	5.0
200-220	1.1	1.8	.9									3.8	6.7	6.5
230-250	1.6	.2	.1									1.9	3.7	3.0
(W) 260-280	1.6	1.3	.1									3.0	4.7	4.0
290-310	2.0	2.2	.4									4.7	5.7	5.5
320-340	4.5	5.5	3.0	.1								13.0	6.6	7.0
VARIABLE														
CALM	////////////////////////////////////											13.3	////////////////////////////////	
TOTALS	29.3	38.3	17.7	.9	.3							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	4.5	2.2	.2	.0	.0						11.9	6.1	5.0
020-040	2.9	3.5	.9	.0	.0	.0						7.4	5.7	5.0
050-070	1.4	1.6	.5	.0	.0	.0						3.5	6.0	6.0
(E) 080-100	1.6	2.3	.5	.0		.0						4.4	5.7	5.0
110-130	1.7	2.3	.3	.0					.0			4.4	5.4	5.0
140-160	2.2	3.0	.6	.0	.0	.0	.0					5.8	5.8	6.0
(S) 170-190	2.7	4.7	1.9	.1	.0	.0	.0					9.4	6.8	7.0
200-220	3.7	3.1	1.3	.1	.0							8.2	5.8	5.0
230-250	3.6	1.7	.3	.0	.0							5.5	4.3	4.0
(W) 260-280	2.8	2.1	.5	.0	.0	.0						5.5	5.2	4.0
290-310	2.1	1.9	.7	.1	.0							4.7	5.8	5.0
320-340	2.3	2.1	1.2	.2	.0	.0						5.7	6.4	6.0
VARIABLE														
CALM	////////////////////											23.5	////////	
TOTALS	32.0	32.8	10.9	.7								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS: 87643

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	11.7	6.3	.6	.1							26.9	7.0	7.0
020-040	4.1	7.5	2.9	.1	.0	.0						14.6	6.6	6.0
050-070	2.1	2.8	1.2	.1	.0	.0						6.3	6.6	6.0
(E) 080-100	1.7	1.9	.7	.0		.0						4.4	6.0	5.0
110-130	1.1	.8	.3	.0					.0			2.1	5.6	4.5
140-160	1.1	.8	.3	.1	.0		.0					2.4	6.2	5.0
(S) 170-190	1.6	1.8	1.0	.1		.0	.0					4.5	6.5	6.0
200-220	1.5	1.4	.9	.1	.0							3.8	6.5	6.0
230-250	1.6	.8	.1									2.4	4.5	4.0
(W) 260-280	1.4	1.1	.3	.0	.0	.0						2.9	5.5	5.0
290-310	1.9	1.3	.8	.0	.0							4.0	5.9	5.0
320-340	3.7	4.4	2.6	.3	.1	.0						11.0	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	29.9	36.3	17.4	1.4	.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS: 7094



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

D - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	50.8	51.6	51.8	52.5	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.1
GE 20000	51.7	53.9	54.7	55.2	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5
GE 18000	51.7	53.9	54.7	55.2	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5
GE 16000	51.7	53.9	54.7	55.2	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5
GE 14000	52.0	54.2	55.1	55.5	56.1	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8
GE 12000	52.5	54.6	55.5	55.9	56.6	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2
GE 10000	55.1	57.3	58.3	58.8	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1
GE 9000	55.3	57.6	58.6	59.1	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
GE 8000	58.8	61.5	62.7	63.3	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.2
GE 7000	59.5	62.2	63.3	64.0	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8
GE 6000	59.7	62.5	63.8	64.5	65.7	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.5
GE 5000	61.4	64.3	66.1	67.0	68.2	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.9
GE 4500	61.7	64.7	66.6	67.4	68.6	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.4
GE 4000	63.2	66.2	68.6	69.6	70.9	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.6
GE 3500	63.9	67.1	69.5	70.4	71.7	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.5
GE 3000	65.6	69.1	71.7	73.0	74.5	74.7	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.6
GE 2500	66.3	70.0	72.8	74.2	76.0	76.2	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.2
GE 2000	68.5	72.3	75.1	76.6	78.5	78.7	79.1	79.2	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.8
GE 1800	68.7	72.5	75.3	76.8	78.7	78.9	79.4	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	80.0
GE 1500	69.2	73.1	76.0	78.0	80.1	80.3	80.8	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.4
GE 1200	69.9	74.2	77.3	79.2	81.5	81.7	82.2	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.9
GE 1000	71.2	75.5	78.7	80.8	83.0	83.2	83.7	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.4
GE 900	71.6	76.2	80.0	82.2	84.5	84.7	85.2	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.9
GE 800	72.3	77.0	80.8	83.0	85.4	85.6	86.2	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.1
GE 700	72.7	77.5	81.7	84.0	86.6	86.8	87.4	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.3
GE 600	73.0	78.0	82.8	85.4	88.3	88.5	89.1	89.5	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.2
GE 500	73.7	78.9	84.0	86.8	89.8	90.0	91.0	91.3	91.4	91.5	91.6	91.7	91.8	91.8	91.8	92.0
GE 400	74.1	79.4	84.4	87.3	90.5	90.9	92.4	92.7	92.8	92.9	93.1	93.2	93.3	93.3	93.3	93.5
GE 300	74.3	79.6	84.7	88.0	91.4	91.8	93.5	93.9	94.0	94.3	95.1	95.2	95.3	95.3	95.3	95.5
GE 200	74.4	79.7	84.9	88.3	91.7	92.2	94.0	94.9	95.1	95.6	96.5	96.6	96.9	96.9	96.9	97.1
GE 100	74.4	79.7	84.9	88.3	91.7	92.2	94.0	94.9	95.1	95.8	97.0	97.1	97.6	97.6	98.5	99.6
GE 000	74.4	79.7	84.9	88.3	91.7	92.2	94.0	94.9	95.1	95.8	97.0	97.1	97.6	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	48.9	50.2	50.9	51.5	51.5	51.6	51.7	51.7	51.8	52.0	52.0	52.3	52.3	52.5	52.5
GE 20000	49.6	52.2	53.7	54.3	54.9	54.9	55.1	55.2	55.3	55.4	55.7	55.7	55.9	55.9	56.1	56.1
GE 18000	49.6	52.2	53.7	54.3	54.9	54.9	55.1	55.2	55.3	55.4	55.7	55.7	55.9	55.9	56.1	56.1
GE 16000	49.6	52.2	53.7	54.3	54.9	54.9	55.1	55.2	55.3	55.4	55.7	55.7	55.9	55.9	56.1	56.1
GE 14000	50.1	52.7	54.2	54.8	55.5	55.5	55.6	55.7	55.8	55.9	56.2	56.2	56.5	56.5	56.7	56.7
GE 12000	50.2	53.0	54.5	55.2	55.8	55.8	55.9	56.0	56.1	56.2	56.6	56.6	56.8	56.8	57.0	57.0
GE 10000	52.0	54.9	56.8	57.5	58.2	58.2	58.3	58.4	58.5	58.6	58.9	58.9	59.1	59.1	59.4	59.4
GE 9000	52.4	55.3	57.1	57.8	58.5	58.5	58.6	58.7	58.8	58.9	59.2	59.2	59.5	59.5	59.7	59.7
GE 8000	57.3	60.8	62.6	63.4	64.3	64.3	64.5	64.6	64.7	64.8	65.2	65.2	65.4	65.4	65.6	65.6
GE 7000	58.2	61.7	63.5	64.5	65.4	65.4	65.6	65.7	65.8	65.9	66.2	66.2	66.5	66.5	66.7	66.7
GE 6000	58.3	61.9	63.8	64.7	65.6	65.6	65.8	65.9	66.0	66.1	66.5	66.5	66.7	66.7	66.9	66.9
GE 5000	60.3	64.5	66.3	67.3	68.3	68.3	68.5	68.6	68.7	68.8	69.1	69.1	69.4	69.4	69.6	69.6
GE 4500	60.6	65.1	66.9	67.8	68.8	68.8	69.0	69.1	69.2	69.4	69.7	69.7	69.9	69.9	70.1	70.1
GE 4000	61.5	66.1	68.3	69.2	70.3	70.5	70.8	70.9	71.0	71.2	71.5	71.5	71.7	71.7	71.9	71.9
GE 3500	62.4	67.2	69.5	70.5	71.7	71.9	72.2	72.3	72.4	72.6	72.9	72.9	73.1	73.1	73.3	73.3
GE 3000	63.3	68.5	70.9	72.0	73.3	73.5	73.8	73.9	74.0	74.2	74.5	74.5	74.7	74.7	74.9	74.9
GE 2500	64.1	69.4	71.8	73.0	74.3	74.5	74.7	74.8	74.9	75.3	75.7	75.7	75.9	75.9	76.1	76.1
GE 2000	65.4	70.6	73.3	74.5	75.8	76.1	76.5	76.6	76.7	77.0	77.4	77.4	77.6	77.6	77.8	77.8
GE 1800	65.4	70.6	73.4	74.6	75.9	76.2	76.7	76.8	76.9	77.2	77.6	77.6	77.8	77.8	78.1	78.1
GE 1500	66.0	71.3	74.2	75.6	77.1	77.4	78.0	78.1	78.2	78.5	78.9	78.9	79.1	79.1	79.4	79.4
GE 1200	67.0	72.5	75.5	76.9	78.4	78.9	79.5	79.6	79.7	80.0	80.4	80.4	80.6	80.6	80.9	80.9
GE 1000	67.8	73.4	76.8	78.3	79.8	80.3	81.0	81.1	81.2	81.5	81.9	81.9	82.2	82.2	82.4	82.4
GE 900	68.5	74.2	77.5	79.2	80.9	81.5	82.2	82.3	82.4	82.7	83.1	83.1	83.3	83.3	83.5	83.5
GE 800	69.4	75.4	78.9	81.0	82.7	83.3	84.0	84.2	84.3	84.6	85.1	85.1	85.3	85.3	85.5	85.5
GE 700	70.2	76.8	80.4	82.7	84.4	85.2	85.8	86.0	86.2	86.6	87.0	87.0	87.2	87.2	87.4	87.4
GE 600	70.4	77.2	81.1	83.4	85.4	86.1	86.9	87.1	87.3	87.6	88.1	88.1	88.3	88.3	88.5	88.5
GE 500	70.6	77.7	81.6	84.2	86.3	87.3	88.5	88.7	89.0	89.4	89.8	89.8	90.0	90.0	90.2	90.2
GE 400	70.9	78.4	82.4	85.3	87.6	88.6	90.3	90.8	91.1	91.4	91.9	91.9	92.3	92.3	92.5	92.5
GE 300	70.9	78.4	82.6	85.6	88.0	89.0	91.4	92.0	92.6	93.0	93.8	93.8	94.1	94.1	94.3	94.4
GE 200	71.2	78.8	83.0	86.2	89.2	90.3	92.9	94.1	94.7	95.4	96.6	96.6	97.2	97.2	97.5	97.7
GE 100	71.2	78.8	83.0	86.2	89.2	90.3	92.9	94.1	94.8	95.5	96.8	96.8	97.6	97.7	98.6	99.4
GE 000	71.2	78.8	83.0	86.2	89.2	90.3	92.9	94.1	94.8	95.5	96.8	96.8	97.6	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	47.3	48.9	49.4	49.6	49.7	49.9	49.9	49.9	50.4	50.5	50.5	50.6	50.6	50.8	50.8
GE 20000	46.6	51.3	53.1	53.8	54.1	54.2	54.4	54.4	54.4	54.9	55.1	55.1	55.2	55.2	55.3	55.4
GE 18000	46.6	51.3	53.1	53.8	54.1	54.2	54.4	54.4	54.4	54.9	55.1	55.1	55.2	55.2	55.3	55.4
GE 16000	46.6	51.3	53.1	53.8	54.1	54.2	54.4	54.4	54.4	54.9	55.1	55.1	55.2	55.2	55.3	55.4
GE 14000	46.6	51.3	53.1	53.8	54.1	54.2	54.4	54.4	54.4	54.9	55.1	55.1	55.2	55.2	55.3	55.4
GE 12000	47.2	52.0	53.9	54.5	54.8	54.9	55.2	55.2	55.2	55.7	55.8	55.8	55.9	55.9	56.0	56.1
GE 10000	48.8	53.9	55.8	56.7	57.0	57.1	57.4	57.4	57.4	58.0	58.1	58.1	58.3	58.3	58.4	58.5
GE 9000	48.8	54.0	55.9	56.8	57.1	57.2	57.5	57.5	57.5	58.1	58.2	58.2	58.4	58.4	58.5	58.6
GE 8000	52.4	59.0	61.2	62.4	62.7	62.8	63.1	63.3	63.3	63.9	64.0	64.0	64.2	64.2	64.3	64.4
GE 7000	53.1	59.8	62.0	63.3	63.7	63.8	64.1	64.3	64.3	64.9	65.1	65.1	65.3	65.3	65.4	65.5
GE 6000	54.1	60.9	63.1	64.4	64.7	64.8	65.2	65.4	65.4	66.0	66.1	66.1	66.3	66.3	66.5	66.6
GE 5000	55.6	62.9	65.7	67.1	67.4	67.6	68.0	68.2	68.2	68.8	68.9	68.9	69.1	69.1	69.2	69.4
GE 4500	55.7	63.2	66.1	67.7	68.1	68.3	68.6	68.8	68.8	69.5	69.6	69.6	69.8	69.8	69.9	70.0
GE 4000	57.2	64.7	67.7	69.6	69.9	70.1	70.4	70.8	70.8	71.4	71.5	71.5	71.7	71.7	71.8	71.9
GE 3500	58.3	66.2	69.4	71.2	71.5	71.7	72.0	72.4	72.4	73.0	73.1	73.1	73.3	73.3	73.4	73.5
GE 3000	59.2	67.7	71.1	73.1	73.5	73.8	74.2	74.5	74.5	75.2	75.3	75.3	75.5	75.5	75.6	75.7
GE 2500	59.8	68.4	71.9	74.0	74.4	74.6	75.1	75.4	75.4	76.3	76.5	76.5	76.7	76.7	76.8	76.9
GE 2000	60.2	69.2	72.9	75.1	75.7	75.9	76.3	76.7	76.7	77.6	77.7	77.7	78.0	78.0	78.1	78.2
GE 1800	60.2	69.2	72.9	75.1	75.7	75.9	76.3	76.7	76.7	77.6	77.7	77.7	78.0	78.0	78.1	78.2
GE 1500	60.4	69.8	73.4	75.8	76.6	76.8	77.2	77.5	77.5	78.5	78.6	78.6	78.8	78.8	78.9	79.0
GE 1200	61.4	70.9	74.5	76.9	77.7	78.0	78.5	78.9	78.9	79.9	80.0	80.0	80.3	80.3	80.4	80.5
GE 1000	61.8	71.6	75.3	77.7	78.6	78.8	79.4	79.8	79.8	80.8	80.9	80.9	81.2	81.2	81.3	81.4
GE 900	62.2	72.0	75.7	78.5	79.5	79.7	80.2	80.6	80.6	81.6	81.7	81.7	82.0	82.0	82.2	82.3
GE 800	62.8	72.8	76.9	79.8	81.0	81.3	81.8	82.3	82.3	83.2	83.3	83.3	83.7	83.7	83.8	83.9
GE 700	63.7	74.0	78.4	81.4	83.0	83.4	84.4	84.8	84.9	85.9	86.0	86.0	86.3	86.3	86.5	86.6
GE 600	64.3	74.8	79.4	82.4	84.3	84.7	85.8	86.3	86.5	87.4	87.5	87.5	87.8	87.8	88.0	88.1
GE 500	64.8	75.4	80.0	83.1	85.3	86.0	87.5	88.1	88.2	89.2	89.5	89.5	89.9	89.9	90.0	90.1
GE 400	64.8	75.6	80.4	83.8	86.2	87.2	89.4	90.2	90.3	91.5	91.7	91.7	92.3	92.3	92.4	92.5
GE 300	64.8	75.6	80.5	84.1	86.8	88.0	91.0	92.0	92.2	93.4	93.7	93.7	94.2	94.2	94.3	94.4
GE 200	64.8	75.9	81.2	85.1	88.1	89.2	92.6	93.8	94.1	95.8	96.2	96.2	96.8	96.8	97.0	97.1
GE 100	64.8	75.9	81.2	85.1	88.1	89.2	92.6	93.9	94.2	96.3	97.3	97.3	98.4	98.6	99.5	99.9
GE 000	64.8	75.9	81.2	85.1	88.1	89.2	92.6	93.9	94.2	96.3	97.3	97.3	98.4	98.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	46.3	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7
GE 20000	48.5	52.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1
GE 18000	48.5	52.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1
GE 16000	48.5	52.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1
GE 14000	48.8	52.8	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.4	54.4	54.4
GE 12000	49.1	53.4	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	55.1	55.1	55.1
GE 10000	51.5	56.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.1	58.1	58.1
GE 9000	51.6	56.8	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.7
GE 8000	56.3	62.4	64.3	64.5	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.1	65.1	65.1
GE 7000	56.8	62.8	65.1	65.3	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.9	65.9	65.9
GE 6000	57.5	63.9	66.1	66.3	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0
GE 5000	58.9	66.3	68.9	69.2	69.7	69.7	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2
GE 4500	58.9	66.5	69.1	69.5	69.9	69.9	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.4	70.4	70.4
GE 4000	59.7	67.4	70.3	70.9	71.5	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	72.0	72.0	72.0
GE 3500	60.2	68.2	71.1	71.7	72.4	72.4	72.5	72.5	72.6	72.7	72.7	72.8	72.8	72.9	72.9	72.9
GE 3000	61.1	69.5	72.9	74.2	74.9	74.9	75.1	75.1	75.3	75.5	75.5	75.6	75.6	75.7	75.7	75.7
GE 2500	61.6	70.4	74.0	75.4	76.1	76.1	76.2	76.2	76.6	76.8	76.9	77.0	77.0	77.1	77.1	77.1
GE 2000	62.3	71.2	74.8	76.5	77.3	77.3	77.7	77.8	78.2	78.4	78.5	78.6	78.6	78.7	78.7	78.7
GE 1800	62.3	71.3	75.1	76.7	77.5	77.5	78.0	78.2	78.5	78.7	78.9	79.0	79.0	79.1	79.1	79.1
GE 1500	62.8	71.8	75.7	77.3	78.2	78.3	78.7	79.1	79.5	79.7	79.9	80.0	80.0	80.1	80.1	80.1
GE 1200	64.0	73.7	77.5	79.2	80.3	80.4	80.9	81.3	81.6	81.8	82.0	82.2	82.2	82.3	82.3	82.3
GE 1000	64.2	74.1	78.4	80.1	81.5	81.6	82.0	82.5	82.9	83.2	83.4	83.5	83.5	83.7	83.7	83.7
GE 900	64.8	75.2	79.6	81.5	83.0	83.2	83.7	84.1	84.5	84.9	85.2	85.3	85.3	85.4	85.4	85.4
GE 800	65.2	75.7	80.2	82.3	84.0	84.2	84.6	85.1	85.5	85.9	86.1	86.2	86.2	86.3	86.3	86.3
GE 700	65.5	76.3	81.0	83.1	85.5	85.7	86.2	86.7	87.2	87.6	87.8	88.0	88.0	88.1	88.1	88.1
GE 600	65.8	76.8	81.4	84.0	86.6	86.8	87.5	88.5	89.0	89.7	89.9	90.0	90.0	90.1	90.1	90.1
GE 500	66.3	77.5	82.5	85.5	88.5	89.1	90.0	91.2	91.8	92.5	92.9	93.0	93.0	93.1	93.1	93.1
GE 400	66.5	78.0	83.2	86.3	89.5	91.0	92.3	93.9	94.6	95.3	95.7	95.8	95.8	95.9	95.9	95.9
GE 300	66.5	78.0	83.4	87.2	90.3	91.9	93.4	95.2	95.9	96.6	97.0	97.1	97.1	97.2	97.2	97.2
GE 200	66.5	78.0	83.5	87.3	90.4	92.0	93.7	95.6	96.6	97.4	97.8	98.1	98.3	98.4	98.7	98.7
GE 100	66.5	78.0	83.5	87.3	90.4	92.0	93.7	95.6	96.7	97.5	98.1	98.3	98.6	98.8	99.6	100.0
GE 000	66.5	78.0	83.5	87.3	90.4	92.0	93.7	95.6	96.7	97.5	98.1	98.3	98.6	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC,  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	48.6	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	53.1	55.3	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	53.1	55.3	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	53.1	55.3	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 14000	53.4	55.6	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 12000	54.6	57.0	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 10000	57.8	60.2	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	57.8	60.3	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	61.4	65.1	65.9	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	61.6	65.3	66.3	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 6000	62.7	66.5	67.6	67.7	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	64.0	68.9	70.2	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	64.3	69.6	71.1	71.3	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	65.5	70.8	72.5	72.7	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	65.8	71.5	73.2	73.4	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	67.8	73.9	75.8	76.2	76.8	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	68.9	75.3	77.2	77.7	78.4	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	70.1	76.9	78.8	79.5	80.1	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	70.6	77.6	79.7	80.3	81.0	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	71.7	78.9	81.0	81.6	82.3	82.7	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	73.2	80.9	82.9	83.7	84.3	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1000	73.4	81.3	83.7	84.6	85.4	85.8	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 900	73.8	82.5	85.3	86.3	87.2	87.6	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 800	74.1	82.9	86.0	87.4	88.3	88.7	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	74.5	83.7	87.2	88.6	89.6	90.0	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 600	74.8	84.0	87.7	89.6	91.0	91.4	92.3	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	75.2	84.3	88.3	90.2	91.8	92.7	94.0	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	75.5	84.7	88.9	91.1	92.8	93.9	95.9	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	75.5	84.7	89.1	91.4	93.4	94.5	96.6	98.6	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	75.5	84.7	89.1	91.4	93.4	94.5	96.7	98.7	99.0	99.5	99.7	99.7	99.7	99.9	99.9	99.9
GE 100	75.5	84.7	89.1	91.4	93.4	94.5	96.7	98.7	99.0	99.5	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	75.5	84.7	89.1	91.4	93.4	94.5	96.7	98.7	99.0	99.5	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	54.7	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	54.7	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	54.7	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	54.7	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 12000	55.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	59.2	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	59.5	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	63.7	66.7	67.1	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	64.1	67.3	67.7	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	64.6	67.8	68.3	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	65.9	69.7	70.1	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	66.5	70.2	70.6	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	67.4	71.3	71.7	72.0	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	68.0	71.9	72.4	72.7	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3000	69.5	74.1	74.6	75.2	76.0	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2500	70.6	75.5	76.0	76.8	77.7	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2000	72.2	77.1	77.7	78.6	79.6	79.7	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1800	72.6	77.6	78.4	79.5	80.4	80.5	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	73.3	78.7	79.9	81.0	82.2	82.3	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	74.6	80.4	81.9	83.2	84.6	84.8	85.8	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	75.2	81.4	82.9	84.7	86.3	86.8	87.8	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 900	75.8	82.4	84.0	86.5	88.4	88.8	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	75.8	82.9	84.7	87.2	89.1	89.6	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	75.9	83.2	85.6	88.4	90.5	91.0	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	76.7	84.5	87.1	89.9	92.2	92.6	94.1	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	77.0	85.2	87.8	91.1	93.4	94.3	95.9	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	77.1	85.3	88.0	91.3	93.9	94.9	97.0	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	77.1	85.3	88.0	91.3	94.0	95.1	97.2	98.6	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	77.1	85.3	88.0	91.3	94.0	95.1	97.2	98.6	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.9
GE 100	77.1	85.3	88.0	91.3	94.0	95.1	97.2	98.6	99.1	99.5	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	77.1	85.3	88.0	91.3	94.0	95.1	97.2	98.6	99.1	99.5	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	56.7	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	56.7	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	56.7	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	56.7	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	57.6	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	59.7	62.0	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 9000	59.8	62.2	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 8000	63.7	66.7	67.4	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	64.2	67.4	68.2	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	64.6	67.8	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	65.9	69.6	70.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	66.6	70.6	71.5	71.7	72.0	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	68.3	72.4	73.2	73.4	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	68.8	73.2	74.1	74.4	74.7	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3000	70.3	75.3	76.3	76.8	77.3	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500	71.0	75.9	77.1	77.5	78.3	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2000	72.8	78.1	79.2	79.8	80.9	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	72.9	78.3	79.6	80.2	81.3	81.5	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	74.4	80.3	81.8	82.6	83.7	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200	75.5	81.9	84.0	84.7	85.8	86.0	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	75.6	82.2	84.4	85.3	86.7	86.9	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	76.3	83.3	85.7	86.8	88.3	88.5	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	76.5	83.4	85.9	87.0	88.5	88.8	89.5	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	76.8	84.1	86.7	87.8	89.6	89.9	90.8	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	76.9	84.6	87.5	88.8	90.8	91.1	91.9	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7
GE 500	77.5	85.5	88.9	90.6	92.8	93.2	94.3	94.7	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.5
GE 400	77.6	85.6	89.0	90.8	93.0	93.5	94.9	95.5	96.0	96.3	96.5	96.5	96.6	96.6	96.6	96.6
GE 300	77.6	85.6	89.0	90.8	93.2	93.8	95.3	95.9	96.5	96.8	97.1	97.1	97.3	97.3	97.4	97.4
GE 200	77.6	85.6	89.0	90.8	93.2	93.8	95.4	96.1	97.1	97.8	98.4	98.4	98.8	98.8	99.0	99.0
GE 100	77.6	85.6	89.0	90.8	93.2	93.8	95.4	96.1	97.1	97.8	98.7	98.7	99.5	99.5	99.8	99.9
GE 000	77.6	85.6	89.0	90.8	93.2	93.8	95.4	96.1	97.1	97.8	98.7	98.7	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.2	53.5	54.9	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	56.8	58.3	59.7	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	56.8	58.3	59.7	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	56.9	58.4	59.8	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	57.1	58.6	60.0	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	57.5	59.0	60.4	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
GE 10000	60.0	61.5	63.0	63.3	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9
GE 9000	60.0	61.5	63.0	63.4	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1
GE 8000	63.4	65.4	67.0	67.4	67.6	67.7	67.8	67.8	67.8	68.1	68.2	68.2	68.3	68.3	68.3	68.3
GE 7000	63.5	65.6	67.2	67.7	68.0	68.1	68.2	68.2	68.2	68.4	68.5	68.5	68.6	68.6	68.6	68.6
GE 6000	63.9	65.9	67.5	68.1	68.3	68.4	68.5	68.5	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9
GE 5000	65.7	68.0	69.7	70.2	70.4	70.5	70.6	70.6	70.6	70.9	71.0	71.0	71.1	71.1	71.1	71.1
GE 4500	66.2	68.7	70.4	71.0	71.2	71.3	71.5	71.5	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9
GE 4000	67.1	69.8	71.6	72.4	72.6	72.7	72.9	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3
GE 3500	67.7	70.8	72.6	73.4	73.8	73.9	74.1	74.1	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.5
GE 3000	69.7	73.0	74.8	75.8	76.1	76.2	76.5	76.5	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9
GE 2500	70.3	74.0	75.9	77.0	77.4	77.5	77.7	77.7	77.7	78.0	78.1	78.1	78.2	78.2	78.2	78.2
GE 2000	72.5	76.5	78.5	79.8	80.2	80.3	80.5	80.5	80.5	80.8	80.9	80.9	81.0	81.0	81.0	81.0
GE 1800	72.7	76.7	78.7	80.1	80.5	80.6	80.9	80.9	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.3
GE 1500	74.4	78.5	81.1	82.8	83.5	83.7	83.9	83.9	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.4
GE 1200	75.2	79.9	82.7	84.4	85.2	85.3	85.5	85.5	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0
GE 1000	75.6	80.3	83.2	84.9	85.8	85.9	86.5	86.5	86.6	86.8	86.9	86.9	87.0	87.0	87.0	87.0
GE 900	75.9	80.8	83.7	85.6	86.5	86.7	87.2	87.2	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7
GE 800	76.0	81.0	84.0	85.9	86.9	87.1	87.7	87.7	87.8	88.1	88.2	88.2	88.3	88.3	88.3	88.3
GE 700	76.2	81.2	84.6	86.6	88.0	88.2	88.8	88.8	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.4
GE 600	76.6	81.8	85.4	87.5	89.0	89.2	90.1	90.2	90.3	90.5	90.6	90.6	90.8	90.8	90.8	90.8
GE 500	77.0	83.1	86.8	88.9	90.5	91.0	92.3	92.4	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 400	77.2	83.5	87.4	89.7	91.5	91.9	93.4	93.5	93.7	93.9	94.1	94.1	94.2	94.2	94.2	94.2
GE 300	77.4	83.8	87.7	90.0	91.9	92.7	94.4	94.7	95.3	95.5	96.0	96.0	96.1	96.1	96.1	96.1
GE 200	77.4	83.8	87.7	90.0	92.0	92.8	94.5	95.1	95.8	96.5	97.2	97.2	97.4	97.4	97.7	98.0
GE 100	77.4	83.8	87.7	90.0	92.0	92.8	94.5	95.1	95.8	96.6	97.4	97.6	98.2	98.2	99.0	99.7
GE 000	77.4	83.8	87.7	90.0	92.0	92.8	94.5	95.1	95.8	96.6	97.4	97.6	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	49.6	50.5	50.7	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3
GE 20000	52.2	54.8	55.8	56.1	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.8
GE 18000	52.2	54.8	55.8	56.1	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.8
GE 16000	52.2	54.8	55.8	56.1	56.4	56.4	56.5	56.5	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.8
GE 14000	52.4	55.0	56.1	56.3	56.6	56.6	56.7	56.7	56.7	56.8	56.9	56.9	56.9	56.9	57.0	57.0
GE 12000	53.0	55.8	56.8	57.0	57.3	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.7	57.7	57.7	57.8
GE 10000	55.5	58.5	59.6	60.0	60.2	60.3	60.4	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.7	60.7
GE 9000	55.6	58.7	59.9	60.2	60.5	60.6	60.6	60.7	60.7	60.8	60.8	60.8	60.9	60.9	61.0	61.0
GE 8000	59.6	63.4	64.8	65.2	65.7	65.8	65.9	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.3	66.3
GE 7000	60.1	64.0	65.4	65.9	66.4	66.5	66.6	66.6	66.7	66.8	66.9	66.9	66.9	66.9	67.0	67.0
GE 6000	60.7	64.7	66.1	66.6	67.1	67.2	67.3	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.8
GE 5000	62.2	66.8	68.4	69.0	69.5	69.7	69.8	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.2	70.2
GE 4500	62.6	67.3	69.0	69.7	70.2	70.3	70.5	70.5	70.5	70.7	70.8	70.8	70.8	70.8	70.9	70.9
GE 4000	63.7	68.6	70.5	71.2	71.8	71.9	72.1	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.6
GE 3500	64.4	69.5	71.5	72.2	72.9	73.0	73.2	73.3	73.3	73.5	73.5	73.5	73.6	73.6	73.7	73.7
GE 3000	65.8	71.4	73.5	74.5	75.3	75.5	75.8	75.9	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3
GE 2500	66.6	72.4	74.6	75.7	76.6	76.8	77.1	77.2	77.2	77.5	77.6	77.6	77.6	77.7	77.7	77.7
GE 2000	68.0	74.0	76.3	77.5	78.5	78.7	79.1	79.2	79.3	79.5	79.6	79.7	79.7	79.7	79.8	79.8
GE 1800	68.2	74.2	76.6	77.9	78.9	79.1	79.5	79.7	79.7	79.9	80.1	80.1	80.1	80.2	80.2	80.2
GE 1500	69.0	75.3	77.9	79.3	80.4	80.7	81.1	81.3	81.4	81.7	81.8	81.8	81.9	81.9	81.9	82.0
GE 1200	70.1	76.8	79.5	81.0	82.2	82.5	83.0	83.2	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.9
GE 1000	70.6	77.5	80.4	82.1	83.4	83.7	84.2	84.5	84.6	84.9	85.0	85.0	85.1	85.1	85.1	85.2
GE 900	71.1	78.3	81.4	83.3	84.8	85.1	85.7	85.9	86.0	86.3	86.5	86.5	86.5	86.6	86.6	86.6
GE 800	71.5	78.9	82.2	84.2	85.7	86.1	86.7	87.0	87.1	87.4	87.5	87.6	87.6	87.6	87.7	87.7
GE 700	71.9	79.6	83.2	85.3	87.1	87.5	88.3	88.6	88.8	89.1	89.2	89.2	89.3	89.3	89.4	89.4
GE 600	72.3	80.2	84.0	86.4	88.4	88.8	89.7	90.2	90.3	90.7	90.8	90.9	91.0	91.0	91.0	91.1
GE 500	72.8	81.0	85.0	87.6	89.8	90.5	91.7	92.3	92.6	93.0	93.1	93.2	93.3	93.3	93.3	93.4
GE 400	73.0	81.3	85.5	88.2	90.6	91.5	93.2	94.1	94.4	94.8	95.0	95.0	95.2	95.2	95.2	95.3
GE 300	73.0	81.4	85.6	88.5	91.1	92.1	94.1	95.1	95.5	96.0	96.5	96.5	96.7	96.7	96.7	96.8
GE 200	73.1	81.5	85.8	88.8	91.5	92.5	94.6	95.9	96.4	97.2	97.8	97.8	98.1	98.1	98.3	98.4
GE 100	73.1	81.5	85.8	88.8	91.5	92.5	94.6	95.9	96.5	97.3	98.1	98.1	98.7	98.8	99.4	99.8
GE 000	73.1	81.5	85.8	88.8	91.5	92.5	94.6	95.9	96.5	97.3	98.1	98.1	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	52.2	54.5	54.8	56.1	56.1	56.3	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6
GE 20000	50.4	56.3	58.5	58.9	60.2	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6
GE 18000	50.4	56.3	58.5	58.9	60.2	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6
GE 16000	50.4	56.3	58.5	58.9	60.2	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6
GE 14000	50.6	56.5	58.7	59.1	60.4	60.4	60.5	60.5	60.5	60.8	60.8	60.8	60.9	60.9	60.9	60.9
GE 12000	51.8	57.7	59.9	60.3	61.6	61.6	61.7	61.7	61.7	61.9	61.9	61.9	62.1	62.1	62.1	62.1
GE 10000	53.2	59.5	61.9	62.3	63.6	63.7	63.8	63.8	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2
GE 9000	53.2	59.5	61.9	62.3	63.6	63.7	63.8	63.8	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2
GE 8000	56.7	63.2	65.7	66.2	67.5	67.6	67.8	67.8	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2
GE 7000	58.2	64.7	67.1	67.6	68.9	69.0	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7
GE 6000	58.7	65.8	68.3	68.8	70.1	70.2	70.6	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 5000	62.1	69.4	71.9	72.3	73.6	73.8	74.1	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5
GE 4500	62.5	70.1	72.7	73.2	74.5	74.6	74.9	74.9	74.9	75.2	75.2	75.2	75.3	75.3	75.3	75.3
GE 4000	63.9	71.9	74.9	75.5	76.8	77.0	77.3	77.3	77.3	77.5	77.5	77.5	77.7	77.7	77.7	77.7
GE 3500	65.5	73.6	76.7	77.3	78.6	78.7	79.1	79.1	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 3000	67.1	75.8	78.8	79.8	81.2	81.3	81.7	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 2500	67.5	76.1	79.2	80.3	81.9	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7
GE 2000	68.0	76.7	79.9	81.0	82.7	82.9	83.2	83.2	83.2	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 1800	68.4	77.2	80.5	81.6	83.3	83.5	83.8	83.8	83.8	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 1500	69.0	77.9	81.2	82.3	84.0	84.2	84.8	84.8	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 1200	70.6	79.6	82.9	83.9	85.8	85.9	86.5	86.5	86.5	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 1000	71.7	81.2	84.5	85.7	87.8	87.9	88.5	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 900	71.7	81.2	84.5	85.7	87.8	87.9	88.5	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 800	72.2	82.0	85.3	86.5	88.8	89.0	89.6	89.7	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 700	72.3	82.3	85.7	87.1	89.8	90.1	90.7	90.9	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 600	72.7	83.2	86.9	88.3	91.1	91.4	92.0	92.2	92.2	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 500	72.8	83.9	87.7	89.4	92.4	92.7	93.6	93.9	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 400	72.9	84.0	87.8	89.6	92.8	93.0	94.0	94.3	94.3	94.7	94.7	94.7	94.8	94.8	94.9	95.0
GE 300	72.9	84.2	87.9	89.7	93.4	93.7	94.8	95.4	95.4	96.2	96.3	96.3	96.6	96.6	96.7	96.8
GE 200	72.9	84.2	87.9	90.3	94.0	94.3	95.5	96.5	96.7	97.6	97.9	97.9	98.5	98.5	98.6	98.7
GE 100	72.9	84.2	87.9	90.3	94.0	94.3	95.5	96.5	96.7	97.9	98.3	98.3	99.1	99.1	99.3	99.8
GE 000	72.9	84.2	87.9	90.3	94.0	94.3	95.5	96.5	96.7	97.9	98.3	98.3	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	45.6	49.4	50.8	52.0	52.0	52.2	52.2	52.2	52.5	52.8	52.8	52.8	53.0	53.0	53.3
GE 20000	45.6	50.6	54.5	55.9	57.2	57.2	57.4	57.4	57.4	57.7	58.0	58.0	58.0	58.2	58.2	58
GE 18000	45.6	50.6	54.5	55.9	57.2	57.2	57.4	57.4	57.4	57.7	58.0	58.0	58.0	58.2	58.2	58.5
GE 16000	45.6	50.6	54.5	55.9	57.2	57.2	57.4	57.4	57.4	57.7	58.0	58.0	58.0	58.2	58.2	58.5
GE 14000	46.0	50.9	54.8	56.3	57.6	57.6	57.8	57.8	57.8	58.0	58.4	58.4	58.4	58.5	58.5	58.9
GE 12000	46.5	51.4	55.3	56.7	58.0	58.0	58.3	58.3	58.3	58.5	58.9	58.9	58.9	59.0	59.0	59.3
GE 10000	48.0	53.4	57.4	59.0	60.3	60.3	60.5	60.5	60.5	60.8	61.1	61.1	61.1	61.2	61.2	61.6
GE 9000	48.1	53.5	57.6	59.1	60.4	60.4	60.6	60.6	60.6	60.9	61.2	61.2	61.2	61.3	61.3	61.7
GE 8000	51.8	57.4	61.6	63.1	64.4	64.4	64.8	64.8	64.8	65.0	65.4	65.4	65.4	65.5	65.5	65.8
GE 7000	53.2	58.9	63.2	64.8	66.1	66.1	66.4	66.4	66.4	66.7	67.0	67.0	67.0	67.1	67.1	67.5
GE 6000	54.0	59.9	64.3	65.8	67.1	67.1	67.5	67.5	67.5	67.7	68.1	68.1	68.1	68.2	68.2	68.6
GE 5000	57.8	63.9	68.3	70.0	71.3	71.3	71.6	71.6	71.6	71.9	72.2	72.2	72.2	72.3	72.3	72.7
GE 4500	58.0	64.4	68.8	70.4	71.7	71.7	72.1	72.1	72.1	72.3	72.7	72.7	72.7	72.8	72.8	73.2
GE 4000	59.8	66.4	71.0	72.9	74.5	74.5	74.8	74.8	74.8	75.1	75.4	75.4	75.4	75.5	75.5	76.0
GE 3500	60.6	67.3	71.9	73.9	75.4	75.4	75.8	75.8	75.8	76.0	76.4	76.4	76.4	76.5	76.5	77.0
GE 3000	62.4	69.3	74.1	76.5	78.1	78.1	78.6	78.6	78.6	78.8	79.2	79.2	79.2	79.3	79.3	79.8
GE 2500	63.2	70.1	74.9	77.3	79.0	79.0	79.4	79.4	79.4	79.7	80.0	80.0	80.0	80.1	80.1	80.6
GE 2000	65.4	72.3	77.7	80.3	81.9	81.9	82.4	82.4	82.4	82.6	83.0	83.0	83.0	83.1	83.1	83.6
GE 1800	65.6	72.6	78.0	80.6	82.3	82.3	82.7	82.7	82.7	83.0	83.3	83.3	83.3	83.5	83.5	83.9
GE 1500	67.1	74.1	79.7	82.3	84.3	84.3	84.8	84.8	84.9	85.1	85.5	85.5	85.5	85.6	85.6	86.1
GE 1200	67.6	74.9	80.6	83.3	85.6	85.6	86.1	86.1	86.2	86.4	86.8	86.8	86.8	86.9	86.9	87.4
GE 1000	68.3	76.0	81.7	84.6	87.1	87.1	87.6	87.6	87.7	87.9	88.3	88.3	88.3	88.4	88.4	88.9
GE 900	68.4	76.2	82.2	85.1	87.6	87.8	88.3	88.3	88.4	88.7	89.0	89.0	89.0	89.1	89.1	89.6
GE 800	68.7	76.6	82.6	85.7	88.3	88.7	89.1	89.1	89.2	89.5	89.8	89.8	89.8	90.0	90.0	90.4
GE 700	69.0	77.1	83.3	86.5	89.2	89.6	90.1	90.1	90.2	90.4	90.8	90.8	90.8	90.9	90.9	91.4
GE 600	69.4	77.7	83.9	87.2	90.1	90.4	90.9	91.0	91.1	91.4	91.7	91.7	91.7	91.8	91.8	92.4
GE 500	70.1	78.8	85.3	89.0	91.8	92.3	93.1	93.3	93.5	93.7	94.1	94.1	94.1	94.2	94.3	95.2
GE 400	70.4	79.4	86.1	89.7	92.7	93.1	94.0	94.3	94.6	94.9	95.3	95.3	95.3	95.4	95.5	96.3
GE 300	70.7	79.7	86.4	90.2	93.3	93.7	94.6	95.3	95.5	96.0	96.3	96.3	96.5	96.6	96.7	97.6
GE 200	70.7	79.7	86.5	90.3	93.5	94.0	94.9	95.9	96.3	97.0	97.6	97.6	97.9	98.0	98.1	99.1
GE 100	70.7	79.7	86.5	90.3	93.5	94.0	94.9	95.9	96.3	97.3	97.9	97.9	98.3	98.5	98.7	99.6
GE 000	70.7	79.7	86.5	90.3	93.5	94.0	94.9	95.9	96.3	97.3	97.9	97.9	98.3	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	40.0	43.7	45.7	47.6	48.1	48.1	48.3	48.5	48.6	48.9	48.9	48.9	48.9	48.9	49.1
GE 20000	37.7	44.0	48.1	50.4	52.2	52.7	53.1	53.3	53.4	53.5	53.9	53.9	54.0	54.0	54.0	54.1
GE 18000	37.7	44.0	48.1	50.4	52.2	52.7	53.1	53.3	53.4	53.5	53.9	53.9	54.0	54.0	54.0	54.1
GE 16000	37.7	44.0	48.1	50.4	52.2	52.7	53.1	53.3	53.4	53.5	53.9	53.9	54.0	54.0	54.0	54.1
GE 14000	37.7	44.0	48.1	50.4	52.2	52.7	53.1	53.3	53.4	53.5	53.9	53.9	54.0	54.0	54.0	54.1
GE 12000	38.5	44.8	49.1	51.3	53.2	53.7	54.0	54.3	54.4	54.5	54.8	54.8	55.0	55.0	55.0	55.1
GE 10000	41.1	47.8	52.2	54.6	56.5	57.0	57.3	57.6	57.7	57.8	58.2	58.2	58.3	58.3	58.3	58.4
GE 9000	41.4	48.0	52.5	54.8	56.7	57.2	57.6	57.8	57.9	58.0	58.4	58.4	58.5	58.5	58.5	58.6
GE 8000	43.5	50.7	55.2	57.7	59.8	60.3	60.6	61.0	61.1	61.2	61.6	61.6	61.7	61.7	61.7	61.8
GE 7000	44.6	52.2	56.7	59.2	61.3	61.8	62.2	62.5	62.6	62.8	63.1	63.1	63.2	63.2	63.2	63.4
GE 6000	45.3	53.2	57.9	60.6	62.8	63.2	63.6	63.9	64.1	64.2	64.5	64.5	64.8	64.8	64.8	64.9
GE 5000	47.6	56.4	61.6	64.4	66.9	67.4	67.7	68.1	68.2	68.3	68.7	68.7	68.9	68.9	69.0	69.1
GE 4500	48.3	57.1	62.4	65.4	67.8	68.3	68.7	69.0	69.1	69.3	69.6	69.6	69.9	69.9	70.0	70.1
GE 4000	50.6	59.9	65.7	68.7	71.3	71.7	72.1	72.5	72.6	72.7	73.0	73.0	73.3	73.3	73.4	73.5
GE 3500	51.7	61.5	67.4	70.7	73.4	73.9	74.2	74.6	74.7	74.8	75.2	75.2	75.4	75.4	75.5	75.7
GE 3000	53.3	63.5	69.7	73.0	76.1	76.6	77.0	77.3	77.4	77.5	77.9	77.9	78.1	78.1	78.3	78.4
GE 2500	54.4	64.8	71.2	74.5	77.9	78.4	78.7	79.1	79.2	79.3	79.7	79.7	79.9	79.9	80.0	80.1
GE 2000	56.0	66.7	73.6	77.1	80.6	81.1	81.7	82.0	82.2	82.3	82.7	82.7	83.0	83.0	83.1	83.2
GE 1800	56.1	66.9	74.1	77.8	81.3	81.9	82.5	82.9	83.0	83.1	83.6	83.6	83.8	83.8	83.9	84.0
GE 1500	56.1	67.0	74.2	78.0	81.8	82.4	83.1	83.5	83.6	83.7	84.2	84.2	84.4	84.4	84.5	84.6
GE 1200	56.9	68.0	75.9	80.0	83.8	84.4	85.1	85.5	85.6	85.7	86.2	86.2	86.4	86.4	86.5	86.6
GE 1000	57.7	69.4	77.4	81.6	85.5	86.1	86.8	87.1	87.2	87.4	87.8	87.8	88.1	88.1	88.2	88.3
GE 900	57.8	69.5	77.7	81.8	85.7	86.4	87.1	87.5	87.6	87.7	88.2	88.2	88.4	88.4	88.5	88.7
GE 800	58.2	70.2	78.5	82.6	86.5	87.2	88.1	88.4	88.5	88.8	89.2	89.2	89.5	89.5	89.6	89.7
GE 700	58.3	70.6	79.2	83.5	87.5	88.2	89.2	89.6	89.7	90.0	90.4	90.4	90.7	90.7	90.8	90.9
GE 600	58.3	70.8	79.8	84.3	88.8	89.6	90.9	91.4	91.5	91.7	92.2	92.2	92.4	92.4	92.6	92.7
GE 500	58.9	71.6	80.6	85.3	90.3	91.4	92.9	93.4	93.5	93.9	94.3	94.3	94.6	94.6	94.7	94.8
GE 400	59.0	71.7	80.7	85.6	90.5	91.6	93.4	94.0	94.1	94.4	94.9	94.9	95.2	95.2	95.3	95.5
GE 300	59.3	72.1	81.1	85.9	91.3	92.4	94.8	95.6	96.1	96.7	97.2	97.2	97.4	97.4	97.5	98.1
GE 200	59.3	72.1	81.1	85.9	91.3	92.4	94.8	95.7	96.2	96.8	97.6	97.6	98.3	98.3	98.7	99.6
GE 100	59.3	72.1	81.1	85.9	91.3	92.4	94.8	95.7	96.2	96.8	97.6	97.6	98.5	98.6	98.9	100.0
GE 000	59.3	72.1	81.1	85.9	91.3	92.4	94.8	95.7	96.2	96.8	97.6	97.6	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.4	47.2	48.1	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	46.5	53.3	54.4	55.3	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	46.5	53.3	54.4	55.3	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 16000	46.5	53.3	54.4	55.3	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 14000	46.8	53.7	54.7	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	47.6	54.6	55.7	56.6	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	50.6	58.2	59.3	60.5	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	50.9	58.5	59.7	61.0	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	53.7	61.7	63.0	64.4	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	54.5	62.8	64.1	65.5	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 6000	55.4	63.7	65.0	66.4	66.9	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 5000	57.6	66.0	67.4	69.3	69.7	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	58.0	66.7	68.1	70.0	70.4	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4000	61.1	70.1	71.5	73.5	74.1	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	62.2	71.4	72.8	74.9	75.5	75.5	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	63.4	72.6	74.3	76.5	77.2	77.2	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500	63.6	73.3	75.2	77.3	78.1	78.1	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	64.4	74.7	76.7	78.8	79.8	80.1	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 1800	65.0	75.3	77.3	79.4	80.4	80.7	81.3	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	65.6	76.4	78.8	81.3	82.4	82.7	83.3	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7
GE 1200	66.5	77.7	80.1	82.9	84.0	84.4	85.0	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 1000	67.7	79.0	81.9	84.9	86.4	86.9	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	68.2	79.6	82.5	85.7	87.4	87.8	88.4	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	68.7	80.1	83.2	86.4	88.3	89.1	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	68.7	80.5	83.7	86.9	88.9	89.8	91.0	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	69.1	81.2	84.6	87.8	90.4	91.4	92.7	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 500	69.3	81.4	85.3	88.8	91.8	93.0	95.3	96.1	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	69.3	81.7	85.7	89.1	92.4	93.6	96.5	97.5	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 300	69.3	81.7	85.7	89.1	92.4	93.6	96.6	98.0	98.2	98.9	99.1	99.1	99.2	99.2	99.2	99.2
GE 200	69.3	81.7	85.7	89.1	92.4	93.7	96.7	98.2	98.5	99.3	99.5	99.5	99.9	99.9	99.9	99.9
GE 100	69.3	81.7	85.7	89.1	92.4	93.7	96.7	98.2	98.5	99.3	99.5	99.5	100.0	100.0	100.0	100.0
GE 000	69.3	81.7	85.7	89.1	92.4	93.7	96.7	98.2	98.5	99.3	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	47.0	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	52.5	56.6	57.7	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	52.6	56.7	57.8	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	52.6	56.7	57.8	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	53.1	57.3	58.4	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	54.0	58.3	59.3	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 10000	57.0	61.7	62.8	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	57.2	62.3	63.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	59.3	64.9	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	60.2	65.7	67.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	61.2	66.9	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	62.5	68.8	70.3	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	63.6	69.9	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	66.5	73.3	75.1	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	67.6	74.5	76.5	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	69.6	77.0	79.1	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	70.1	77.4	79.8	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	71.3	79.2	81.6	82.7	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	72.0	80.0	82.4	83.6	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1500	73.2	81.2	84.0	85.6	86.4	86.4	86.5	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	74.0	82.4	85.6	87.4	88.4	88.5	88.7	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	74.6	83.8	87.1	89.2	90.4	90.5	90.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	75.2	84.4	87.7	89.8	91.0	91.1	91.5	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	75.5	84.8	88.1	90.5	92.3	92.6	92.9	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	75.5	85.0	88.5	91.4	93.5	93.9	94.3	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	75.5	85.0	88.8	91.6	94.1	94.6	95.0	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	75.7	85.5	89.5	92.4	95.4	96.3	97.4	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	75.8	85.6	90.0	93.1	96.3	97.5	98.6	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	75.8	85.6	90.0	93.1	96.3	97.8	98.8	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	75.8	85.6	90.0	93.1	96.3	97.8	98.8	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	75.8	85.6	90.0	93.1	96.3	97.8	98.8	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	75.8	85.6	90.0	93.1	96.3	97.8	98.8	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	53.5	56.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	53.8	56.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 16000	53.8	56.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	54.3	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	54.6	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 10000	58.3	62.1	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	58.6	62.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	60.8	65.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	61.3	66.3	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	62.5	67.5	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	64.5	69.9	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	65.8	71.2	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	68.4	74.0	75.5	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	70.2	76.0	78.0	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	72.0	78.4	80.4	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	72.8	79.7	81.9	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	74.6	81.9	84.6	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	74.9	82.5	85.2	86.6	87.1	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	75.5	83.3	86.2	87.6	88.3	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	76.4	84.2	87.1	88.5	89.2	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	76.6	84.4	87.8	89.7	90.4	90.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	77.0	84.9	88.4	90.8	91.5	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	77.3	85.2	88.8	91.4	92.7	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	77.3	85.6	89.1	91.7	93.0	93.5	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	77.3	86.2	89.8	92.6	93.9	94.3	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	77.4	86.6	90.3	93.3	94.7	95.4	96.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	77.4	86.8	90.7	93.6	95.2	95.9	97.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	77.4	86.8	90.7	93.7	95.3	96.0	97.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	77.4	86.8	90.7	93.7	95.3	96.0	97.4	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	77.4	86.8	90.7	93.7	95.3	96.0	97.4	98.9	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	77.4	86.8	90.7	93.7	95.3	96.0	97.4	98.9	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	48.6	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	53.9	56.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 18000	53.9	56.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	53.9	56.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	54.3	56.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	55.3	57.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	58.7	61.5	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	59.3	62.1	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	62.9	66.1	68.1	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	63.4	67.0	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	64.1	67.7	69.7	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	66.2	70.0	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	67.3	71.2	73.4	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	69.4	74.1	76.6	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	70.8	76.4	79.7	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000	71.9	78.1	81.4	83.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	71.9	78.8	82.2	83.9	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000	72.9	80.1	83.8	85.9	87.6	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	73.3	80.5	84.2	86.5	88.4	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	74.0	81.3	85.1	87.6	89.5	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	74.5	82.0	86.1	88.7	90.7	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	74.6	82.5	86.5	89.4	91.5	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	74.6	82.9	87.1	90.0	92.1	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	75.2	83.8	88.1	91.3	93.5	94.1	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	75.2	83.8	88.2	91.4	93.7	94.4	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	75.2	83.9	88.3	91.6	94.0	94.7	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	75.2	84.2	88.5	91.8	94.6	95.4	96.1	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	75.2	84.3	89.0	92.4	95.4	96.2	96.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	75.2	84.3	89.0	92.6	95.6	96.5	97.3	97.5	97.9	98.1	98.1	98.1	98.2	98.2	98.5	98.5
GE 200	75.2	84.3	89.0	92.6	95.6	96.5	97.5	97.8	98.2	98.7	98.8	98.9	99.4	99.4	99.6	99.6
GE 100	75.2	84.3	89.0	92.6	95.6	96.5	97.5	97.8	98.2	98.7	98.8	98.9	99.4	99.4	99.6	100.0
GE 000	75.2	84.3	89.0	92.6	95.6	96.5	97.5	97.8	98.2	98.7	98.8	98.9	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	52.2	53.4	53.9	54.3	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	54.6	58.0	59.2	59.9	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	54.6	58.0	59.2	59.9	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	54.6	58.0	59.2	59.9	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	55.1	58.6	59.9	60.6	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	56.1	59.7	61.0	61.7	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	58.9	63.1	64.8	65.6	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	59.0	63.4	65.0	65.8	66.3	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
GE 8000	62.1	66.5	68.4	69.4	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 7000	63.4	68.1	70.0	70.9	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	63.9	68.7	70.6	71.5	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	65.5	70.6	72.5	73.4	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	66.1	71.5	73.5	74.6	75.2	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	68.0	73.8	76.1	77.2	77.8	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	68.7	74.9	77.3	78.5	79.2	79.2	79.2	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	70.2	77.4	79.9	81.2	82.4	82.4	82.5	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	70.8	78.0	80.7	82.2	83.5	83.5	83.7	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	71.7	79.3	82.3	83.7	85.0	85.0	85.2	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	72.2	79.9	83.0	84.4	85.7	85.7	85.9	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	73.0	81.2	84.4	86.1	87.4	87.4	87.6	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	74.3	82.6	85.9	87.6	88.9	88.9	89.1	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	74.8	83.2	86.8	88.7	90.0	90.0	90.2	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	74.9	83.3	86.9	88.8	90.1	90.1	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	75.5	84.2	87.8	90.3	92.3	92.3	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	75.5	84.4	88.1	90.5	92.8	92.9	93.1	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	75.8	84.9	88.7	91.4	93.6	93.7	94.1	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	75.8	85.0	88.9	91.7	94.2	94.4	95.0	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	75.8	85.0	89.0	91.8	94.4	94.7	95.3	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 300	75.8	85.2	89.2	92.1	94.8	95.0	95.9	96.3	96.6	96.8	96.9	96.9	97.3	97.3	97.3	97.3
GE 200	75.8	85.2	89.2	92.1	94.8	95.2	96.2	96.7	97.4	97.8	98.0	98.0	98.5	98.6	99.1	99.1
GE 100	75.8	85.2	89.2	92.1	94.8	95.2	96.2	96.7	97.4	97.8	98.0	98.0	98.7	98.8	99.5	99.5
GE 000	75.8	85.2	89.2	92.1	94.8	95.2	96.2	96.7	97.4	97.8	98.0	98.0	98.7	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	47.4	49.2	49.8	50.4	50.5	50.5	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.9
GE 20000	49.3	53.9	55.8	56.6	57.3	57.3	57.4	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.8
GE 18000	49.4	53.9	55.9	56.6	57.3	57.4	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8
GE 16000	49.4	53.9	55.9	56.6	57.3	57.4	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8
GE 14000	49.7	54.3	56.3	57.0	57.7	57.8	57.8	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.2
GE 12000	50.6	55.2	57.1	57.9	58.6	58.7	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.1
GE 10000	53.2	58.4	60.6	61.5	62.2	62.3	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.7
GE 9000	53.5	58.7	61.0	61.8	62.6	62.6	62.7	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.1
GE 8000	56.3	62.0	64.3	65.3	66.1	66.1	66.3	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.7
GE 7000	57.3	63.2	65.6	66.5	67.4	67.5	67.6	67.7	67.7	67.8	67.9	67.9	67.9	67.9	67.9	68.0
GE 6000	58.2	64.2	66.6	67.6	68.4	68.5	68.7	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0
GE 5000	60.5	66.9	69.4	70.5	71.4	71.5	71.7	71.7	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.1
GE 4500	61.2	67.7	70.4	71.6	72.5	72.5	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.1	73.1	73.1
GE 4000	63.5	70.4	73.3	74.6	75.6	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.3
GE 3500	64.7	71.9	75.0	76.5	77.5	77.6	77.7	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.2
GE 3000	66.2	74.0	77.2	78.9	80.1	80.2	80.4	80.6	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.9
GE 2500	66.8	74.8	78.1	79.9	81.3	81.4	81.6	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.1
GE 2000	68.0	76.4	80.0	81.9	83.5	83.6	83.9	84.0	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.5
GE 1800	68.5	76.9	80.6	82.6	84.1	84.3	84.6	84.7	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.2
GE 1500	69.2	77.8	81.7	83.8	85.5	85.7	86.1	86.2	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.7
GE 1200	70.1	78.9	83.0	85.3	87.1	87.3	87.6	87.8	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.3
GE 1000	70.8	79.9	84.2	86.7	88.6	88.9	89.3	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	90.0
GE 900	71.0	80.2	84.6	87.2	89.1	89.5	89.9	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6
GE 800	71.4	80.9	85.3	88.1	90.3	90.8	91.3	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.0
GE 700	71.5	81.1	85.7	88.6	91.1	91.5	92.2	92.5	92.6	92.7	92.8	92.8	92.9	92.9	92.9	93.0
GE 600	71.7	81.6	86.3	89.3	92.0	92.5	93.2	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.1
GE 500	71.9	82.1	87.0	90.2	93.2	93.9	95.0	95.4	95.6	95.8	95.9	95.9	95.9	96.0	96.0	96.1
GE 400	72.0	82.3	87.4	90.6	93.7	94.5	95.7	96.3	96.4	96.7	96.9	96.9	96.9	96.9	97.0	97.1
GE 300	72.0	82.4	87.5	90.8	94.0	94.8	96.3	97.0	97.3	97.8	97.9	97.9	98.0	98.1	98.1	98.3
GE 200	72.0	82.4	87.5	90.9	94.1	95.0	96.5	97.4	97.8	98.4	98.6	98.7	99.0	99.0	99.2	99.5
GE 100	72.0	82.4	87.5	90.9	94.1	95.0	96.5	97.4	97.8	98.4	98.7	98.7	99.2	99.2	99.5	99.9
GE 000	72.0	82.4	87.5	90.9	94.1	95.0	96.5	97.4	97.8	98.4	98.7	98.7	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	58.8	60.3	61.0	62.4	62.4	62.5	62.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9
GE 20000	60.3	64.0	65.7	66.3	67.7	67.7	67.8	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	60.3	64.0	65.7	66.3	67.7	67.7	67.8	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	60.3	64.0	65.7	66.3	67.7	67.7	67.8	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	60.3	64.0	65.7	66.3	67.7	67.7	67.8	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 12000	60.4	64.3	66.0	66.7	68.1	68.1	68.2	68.3	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	63.0	67.3	69.1	69.9	71.3	71.3	71.4	71.5	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	63.1	67.4	69.2	70.0	71.4	71.4	71.5	71.6	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	65.6	70.5	72.5	73.2	74.6	74.6	74.7	74.8	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	66.6	71.7	74.1	74.8	76.2	76.2	76.3	76.5	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9
GE 6000	66.9	72.2	74.5	75.3	76.7	76.7	76.8	76.9	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	68.5	74.1	76.6	77.4	78.8	78.8	78.9	79.0	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	68.8	74.5	77.2	78.1	79.5	79.5	79.6	79.7	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	70.6	76.5	79.6	80.4	81.8	81.8	81.9	82.0	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	71.0	76.9	80.1	81.1	82.5	82.5	82.7	82.8	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	72.5	78.5	81.9	82.9	84.5	84.5	84.8	85.1	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 2500	73.2	79.4	82.9	83.9	85.5	85.5	85.8	86.0	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5
GE 2000	73.9	80.3	84.1	85.3	87.0	87.0	87.3	87.5	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	74.0	80.4	84.2	85.4	87.1	87.1	87.4	87.6	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	75.3	81.8	85.9	87.3	89.1	89.1	89.5	89.7	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	75.7	82.5	86.6	88.1	90.0	90.0	90.4	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	75.8	82.6	86.8	88.3	90.2	90.2	90.6	90.9	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	75.9	82.9	87.1	88.8	90.8	90.8	91.2	91.4	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	76.2	83.3	87.6	89.5	91.7	91.7	92.3	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	76.2	83.4	87.8	89.9	92.2	92.2	92.8	93.0	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	76.3	83.7	88.2	90.2	92.5	92.5	93.1	93.3	93.4	93.5	93.8	93.8	93.9	93.9	93.9	93.9
GE 500	76.8	84.1	88.6	90.6	93.0	93.0	93.9	94.4	94.5	94.6	94.8	94.8	94.9	94.9	94.9	94.9
GE 400	76.8	84.4	89.0	91.3	93.7	93.7	94.6	95.2	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
GE 300	76.8	84.6	89.2	91.5	94.1	94.1	95.2	95.7	95.8	96.2	96.7	96.7	96.9	96.9	97.0	97.0
GE 200	76.8	84.6	89.2	91.5	94.2	94.5	95.7	96.2	96.3	96.8	97.2	97.2	97.4	97.4	97.5	97.7
GE 100	76.8	84.6	89.2	91.5	94.2	94.5	95.7	96.3	96.6	97.2	97.7	97.7	98.1	98.1	98.5	98.9
GE 000	76.8	84.6	89.2	91.5	94.2	94.5	95.7	96.3	96.6	97.2	97.8	97.8	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	55.8	58.2	59.2	60.0	60.1	60.5	61.0	61.0	61.2	61.4	61.4	61.4	61.5	61.5	61.7
GE 20000	54.5	61.0	63.8	64.8	65.6	65.7	66.1	66.6	66.6	67.0	67.1	67.1	67.1	67.2	67.2	67.4
GE 18000	54.5	61.0	63.8	64.8	65.6	65.7	66.1	66.6	66.6	67.0	67.1	67.1	67.1	67.2	67.2	67.4
GE 16000	54.5	61.0	63.8	64.8	65.6	65.7	66.1	66.6	66.6	67.0	67.1	67.1	67.1	67.2	67.2	67.4
GE 14000	54.6	61.1	63.9	64.9	65.7	65.8	66.2	66.7	66.7	67.1	67.2	67.2	67.2	67.3	67.3	67.5
GE 12000	55.0	61.6	64.4	65.3	66.1	66.2	66.6	67.2	67.2	67.5	67.6	67.6	67.6	67.7	67.7	67.9
GE 10000	56.7	63.3	66.2	67.2	67.9	68.0	68.5	69.0	69.0	69.3	69.4	69.4	69.5	69.6	69.6	69.9
GE 9000	56.8	63.4	66.3	67.3	68.1	68.2	68.7	69.2	69.2	69.5	69.6	69.6	69.8	69.9	69.9	70.1
GE 8000	59.6	66.3	69.2	70.2	71.0	71.2	71.6	72.1	72.1	72.4	72.6	72.6	72.7	72.8	72.8	73.0
GE 7000	60.6	67.7	70.6	71.6	72.4	72.6	73.0	73.5	73.5	73.8	74.0	74.0	74.1	74.2	74.2	74.4
GE 6000	61.2	68.4	71.3	72.2	73.1	73.2	73.6	74.2	74.2	74.5	74.6	74.6	74.7	74.8	74.8	75.0
GE 5000	62.6	70.0	72.9	74.1	75.0	75.1	75.6	76.1	76.1	76.4	76.5	76.5	76.6	76.7	76.7	77.0
GE 4500	63.3	70.7	74.0	75.1	76.1	76.2	76.6	77.2	77.2	77.5	77.6	77.6	77.7	77.8	77.8	78.0
GE 4000	64.4	71.9	75.2	76.5	77.5	77.6	78.0	78.6	78.6	78.9	79.0	79.0	79.1	79.2	79.2	79.4
GE 3500	64.9	72.7	76.0	77.4	78.6	78.7	79.1	79.7	79.7	80.0	80.1	80.1	80.2	80.3	80.3	80.5
GE 3000	65.9	74.0	77.7	79.2	80.4	80.5	80.9	81.5	81.5	81.8	81.9	81.9	82.0	82.1	82.1	82.3
GE 2500	66.8	75.1	78.9	80.4	81.8	81.9	82.3	82.9	82.9	83.2	83.3	83.3	83.4	83.5	83.5	83.7
GE 2000	67.2	75.7	79.8	81.5	83.3	83.4	83.9	84.4	84.4	84.7	84.8	84.8	84.9	85.0	85.0	85.3
GE 1800	67.4	75.9	80.0	81.7	83.5	83.6	84.1	84.6	84.6	84.9	85.0	85.0	85.1	85.3	85.3	85.5
GE 1500	68.4	76.9	81.1	83.4	85.3	85.4	85.8	86.3	86.3	86.7	86.8	86.8	86.9	87.0	87.0	87.2
GE 1200	69.1	77.6	81.9	84.4	86.2	86.3	86.8	87.3	87.3	87.7	87.8	87.8	87.9	88.1	88.1	88.3
GE 1000	69.4	78.0	82.7	85.4	87.3	87.4	87.8	88.4	88.4	88.8	88.9	88.9	89.0	89.1	89.1	89.3
GE 900	69.6	78.4	83.0	85.7	87.6	87.7	88.2	88.7	88.7	89.1	89.2	89.2	89.3	89.5	89.5	89.7
GE 800	69.6	78.4	83.4	86.3	88.5	88.6	89.1	89.8	89.8	90.2	90.3	90.3	90.4	90.5	90.5	90.7
GE 700	70.0	78.9	84.0	87.2	89.7	89.8	90.4	91.1	91.1	91.5	91.6	91.6	91.7	91.8	91.8	92.0
GE 600	70.1	79.4	84.6	88.4	91.0	91.1	91.7	92.4	92.4	92.8	92.9	92.9	93.0	93.1	93.1	93.3
GE 500	70.3	79.7	84.8	88.8	91.6	91.7	92.4	93.1	93.1	93.5	93.6	93.6	93.8	93.9	93.9	94.2
GE 400	70.6	80.0	85.1	89.5	92.5	92.6	93.2	94.0	94.0	94.4	94.5	94.5	94.6	94.7	94.7	95.0
GE 300	70.7	80.4	85.7	90.0	93.1	93.4	94.3	95.3	95.3	95.8	95.9	95.9	96.1	96.2	96.2	96.6
GE 200	70.7	80.4	85.7	90.0	93.4	93.9	94.8	95.9	96.0	96.7	97.2	97.2	97.4	97.5	97.6	98.3
GE 100	70.7	80.4	85.7	90.0	93.6	94.1	95.2	96.3	96.4	97.2	97.8	97.8	98.4	98.5	98.8	99.7
GE 000	70.7	80.4	85.7	90.0	93.6	94.1	95.2	96.3	96.4	97.2	97.8	97.8	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	44.1	48.1	49.9	51.2	51.5	52.0	52.4	52.4	52.7	53.0	53.1	53.2	53.2	53.4	53.5
GE 20000	41.4	50.4	55.1	56.9	58.6	58.9	59.5	59.8	59.8	60.3	60.6	60.8	60.9	60.9	61.1	61.3
GE 18000	41.6	50.6	55.3	57.1	58.8	59.1	59.7	60.0	60.0	60.5	60.9	61.0	61.1	61.1	61.3	61.5
GE 16000	41.6	50.6	55.3	57.1	58.8	59.1	59.7	60.0	60.0	60.5	60.9	61.0	61.1	61.1	61.3	61.5
GE 14000	41.8	50.9	55.5	57.3	59.0	59.4	59.9	60.2	60.2	60.8	61.1	61.2	61.3	61.3	61.5	61.7
GE 12000	42.0	51.1	55.7	57.5	59.2	59.6	60.1	60.4	60.4	61.0	61.3	61.4	61.5	61.5	61.7	61.9
GE 10000	44.3	53.8	58.5	61.0	62.8	63.1	63.7	64.1	64.1	64.6	64.9	65.1	65.2	65.2	65.4	65.6
GE 9000	44.4	54.1	58.8	61.3	63.1	63.4	64.0	64.4	64.4	64.9	65.3	65.4	65.5	65.5	65.7	65.9
GE 8000	46.3	56.9	61.9	64.4	66.2	66.6	67.1	67.5	67.5	68.1	68.4	68.5	68.6	68.6	68.8	69.0
GE 7000	47.1	58.4	63.7	66.1	68.0	68.5	69.0	69.5	69.5	70.0	70.3	70.4	70.5	70.5	70.8	71.0
GE 6000	48.1	59.4	64.6	67.1	69.0	69.6	70.1	70.5	70.5	71.1	71.4	71.5	71.6	71.6	71.8	72.0
GE 5000	49.4	61.3	66.7	69.4	71.4	71.9	72.5	72.9	72.9	73.4	73.8	73.9	74.0	74.0	74.2	74.4
GE 4500	49.7	61.7	67.2	70.0	72.0	72.6	73.1	73.5	73.5	74.1	74.4	74.5	74.6	74.6	74.8	75.1
GE 4000	51.5	63.7	69.1	72.2	74.3	74.9	75.5	75.9	75.9	76.5	76.8	76.9	77.0	77.0	77.2	77.4
GE 3500	51.8	64.3	69.9	73.1	75.3	75.9	76.5	76.9	76.9	77.4	77.7	77.8	78.0	78.0	78.2	78.4
GE 3000	53.8	67.1	72.7	76.0	78.2	78.8	79.5	80.1	80.1	80.8	81.1	81.2	81.3	81.3	81.5	81.7
GE 2500	54.2	67.8	73.4	76.9	79.6	80.2	81.3	81.9	81.9	82.6	82.9	83.0	83.1	83.1	83.3	83.5
GE 2000	55.2	69.2	75.1	78.6	81.4	82.0	83.1	83.8	83.8	84.4	84.7	84.8	84.9	84.9	85.2	85.4
GE 1800	55.4	69.5	75.3	78.8	81.6	82.3	83.3	84.0	84.0	84.6	84.9	85.1	85.2	85.2	85.4	85.6
GE 1500	56.1	70.9	76.8	80.3	83.2	83.9	84.9	85.6	85.6	86.3	86.7	86.8	86.9	86.9	87.1	87.3
GE 1200	56.8	71.7	77.6	81.2	84.1	84.7	86.0	86.7	86.7	87.4	87.8	88.0	88.1	88.1	88.3	88.5
GE 1000	57.0	72.0	78.4	81.9	85.1	85.7	87.0	87.6	87.6	88.4	88.8	88.9	89.0	89.0	89.2	89.5
GE 900	57.1	72.5	78.8	82.4	85.5	86.1	87.4	88.1	88.1	88.8	89.2	89.4	89.5	89.5	89.7	89.9
GE 800	57.2	72.7	79.1	82.8	85.9	86.6	88.4	89.2	89.2	90.0	90.4	90.5	90.6	90.6	90.9	91.1
GE 700	57.2	72.9	79.5	83.1	86.8	87.4	89.7	90.8	90.8	91.5	91.9	92.0	92.2	92.2	92.5	92.7
GE 600	57.5	73.2	79.9	84.0	87.8	88.6	91.1	92.2	92.2	92.9	93.3	93.4	93.5	93.5	93.9	94.1
GE 500	57.7	73.8	80.5	84.6	88.7	89.5	92.0	93.2	93.2	94.1	94.5	94.6	94.7	94.7	95.1	95.4
GE 400	57.8	73.9	80.6	84.7	89.1	89.9	92.5	93.8	93.8	94.6	95.1	95.2	95.3	95.3	95.6	95.9
GE 300	58.1	74.1	80.9	85.3	89.9	91.0	93.5	94.9	95.1	96.1	96.6	96.7	96.8	96.8	97.1	97.4
GE 200	58.1	74.1	81.0	85.4	90.0	91.1	93.7	95.5	95.7	97.1	97.5	97.6	97.8	97.8	98.3	98.6
GE 100	58.1	74.1	81.0	85.4	90.0	91.1	93.7	95.5	95.7	97.2	98.1	98.2	98.4	98.4	99.0	99.7
GE 000	58.1	74.1	81.0	85.4	90.0	91.1	93.7	95.5	95.7	97.2	98.1	98.2	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	50.5	51.7	52.3	52.6	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	54.5	59.4	60.8	61.5	61.9	62.0	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	54.9	59.8	61.2	61.9	62.4	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	55.1	59.9	61.3	62.0	62.5	62.6	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	55.4	60.2	61.6	62.4	62.8	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	55.5	60.5	61.9	62.7	63.1	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	58.0	63.5	64.9	65.9	66.3	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 9000	58.4	64.0	65.4	66.3	66.8	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 8000	60.3	66.0	67.6	68.7	69.1	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	61.5	67.6	69.4	70.4	70.9	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	62.6	68.9	70.6	71.8	72.3	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	64.1	70.6	72.6	73.8	74.2	74.5	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	64.7	71.3	73.2	74.4	74.8	75.2	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	66.5	73.1	75.4	76.7	77.1	77.4	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	66.6	73.3	75.8	77.1	77.6	78.0	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	68.5	75.9	78.5	80.1	80.9	81.3	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2500	69.5	77.0	79.7	81.3	82.2	82.6	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	71.2	79.4	82.2	84.0	84.8	85.3	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	71.5	79.7	82.5	84.3	85.2	85.6	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1500	72.4	80.9	83.7	85.7	86.6	87.2	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	72.9	81.4	84.3	86.3	87.3	88.0	88.7	88.9	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	73.1	81.8	84.9	87.0	88.2	88.8	89.8	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 900	73.1	82.0	85.2	87.2	88.5	89.1	90.1	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	73.5	82.6	86.1	88.5	90.0	90.6	92.0	92.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	74.1	83.2	86.8	89.2	90.9	91.5	93.0	93.2	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	74.3	83.4	87.2	89.8	91.7	92.6	94.1	94.3	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	74.4	83.5	87.4	90.2	92.3	93.2	94.8	95.4	95.7	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	74.4	83.7	87.7	91.0	93.4	94.5	96.3	97.1	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	74.4	83.7	87.7	91.1	93.7	94.7	96.6	97.5	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	74.4	83.7	87.7	91.1	94.0	95.1	97.0	98.1	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.9
GE 100	74.4	83.7	87.7	91.1	94.0	95.1	97.0	98.1	98.7	99.4	99.6	99.6	99.7	99.7	99.9	100.0
GE 000	74.4	83.7	87.7	91.1	94.0	95.1	97.0	98.1	98.7	99.4	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	56.6	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	62.3	65.3	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	62.3	65.3	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	62.6	65.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	62.9	65.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	63.2	66.6	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	65.6	69.7	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 9000	65.7	69.8	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	68.9	73.2	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	69.2	73.7	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	69.5	74.0	75.2	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 5000	71.1	75.8	77.1	77.5	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	71.9	76.7	78.0	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	74.0	79.0	80.3	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500	75.1	80.2	81.7	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	77.4	83.0	84.9	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	78.9	84.6	86.7	87.1	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	80.6	86.5	88.6	89.2	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	80.8	86.6	88.7	89.4	89.8	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	81.2	87.4	89.6	90.4	91.0	91.0	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	82.0	88.7	91.2	92.2	92.7	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	82.0	88.7	91.6	92.6	93.3	93.4	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	82.3	89.0	91.9	93.2	94.1	94.2	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	82.6	89.4	92.3	93.5	94.4	94.7	95.8	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 700	82.9	89.7	92.6	94.0	95.3	95.6	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 600	82.9	89.9	93.0	94.5	95.9	96.3	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 500	82.9	90.0	93.1	94.6	96.0	96.5	98.0	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 400	83.0	90.1	93.2	94.8	96.2	96.7	98.3	98.8	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	83.1	90.2	93.3	95.2	96.6	97.2	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	83.1	90.3	93.4	95.3	96.7	97.4	99.0	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	83.1	90.3	93.4	95.3	96.7	97.4	99.0	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	83.1	90.3	93.4	95.3	96.7	97.4	99.0	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	56.8	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	61.9	65.6	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	62.2	65.9	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 16000	62.4	66.1	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	62.8	66.6	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	63.7	67.6	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	67.3	71.8	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 9000	67.4	71.9	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	69.6	74.6	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 7000	70.3	75.5	76.6	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	70.6	75.9	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 5000	71.9	77.5	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500	72.6	78.3	79.7	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	75.0	81.3	82.8	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	76.9	83.3	84.8	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	78.5	85.3	86.8	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	79.3	86.3	87.9	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	80.4	87.6	89.3	89.7	90.5	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	80.7	88.1	90.0	90.3	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	81.1	88.5	90.7	91.1	92.1	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	81.5	89.2	91.6	92.4	94.0	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	81.5	89.5	91.9	92.8	94.4	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	81.5	89.6	92.1	93.1	94.7	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	81.5	89.6	92.1	93.2	94.8	95.9	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 700	81.6	89.7	92.2	93.3	95.2	96.3	97.2	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 600	81.6	89.7	92.2	93.3	95.2	96.4	97.3	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	81.6	89.7	92.4	93.4	95.4	97.0	97.8	98.2	98.3	98.3	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	81.6	89.7	92.6	93.8	95.8	97.4	98.3	98.8	98.9	99.0	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	81.6	89.7	92.7	93.9	96.0	97.6	98.6	99.1	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	81.6	89.7	92.7	93.9	96.0	97.6	98.6	99.1	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	81.6	89.7	92.7	93.9	96.0	97.6	98.6	99.1	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	81.6	89.7	92.7	93.9	96.0	97.6	98.6	99.1	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	57.6	58.0	58.5	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	61.9	65.4	65.8	66.3	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	62.0	65.5	65.9	66.5	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	62.0	65.5	65.9	66.5	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	62.3	66.0	66.5	67.0	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	62.6	66.3	66.9	67.4	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 10000	65.8	70.0	70.9	71.4	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
GE 9000	65.8	70.0	71.0	71.5	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
GE 8000	68.7	73.2	74.3	74.8	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6
GE 7000	69.7	74.3	75.4	76.1	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
GE 6000	70.4	75.3	76.5	77.2	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
GE 5000	71.7	76.8	78.0	78.7	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
GE 4500	72.5	78.0	79.4	80.2	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
GE 4000	73.3	79.0	81.0	81.8	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7
GE 3500	73.7	79.5	81.4	82.4	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 3000	74.7	81.0	83.2	84.6	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
GE 2500	75.2	81.6	84.0	85.4	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5
GE 2000	77.4	84.4	86.8	88.5	89.1	89.5	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1
GE 1800	77.5	84.5	86.9	88.6	89.2	89.6	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
GE 1500	78.5	85.5	88.1	89.9	90.9	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.2	92.2
GE 1200	78.7	85.7	88.4	90.5	91.6	92.2	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
GE 1000	78.9	86.0	88.7	91.1	92.5	93.0	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
GE 900	79.0	86.2	88.9	91.4	92.9	93.8	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 800	79.4	86.6	89.5	92.0	93.5	94.8	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5
GE 700	79.4	86.6	89.5	92.3	93.8	95.1	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
GE 600	79.4	86.6	89.5	92.3	93.8	95.1	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	97.1	97.1
GE 500	79.5	86.8	89.8	92.7	94.4	95.8	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	98.1	98.1
GE 400	79.5	86.8	90.1	93.1	94.9	96.3	97.7	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.8	98.8
GE 300	79.5	86.8	90.2	93.2	95.1	96.5	97.8	98.4	98.6	98.8	98.8	98.8	98.8	98.8	99.0	99.0
GE 200	79.5	86.8	90.3	93.3	95.2	96.6	98.1	98.6	98.8	99.1	99.2	99.2	99.4	99.4	99.6	99.6
GE 100	79.5	86.8	90.3	93.3	95.2	96.6	98.1	98.6	98.8	99.1	99.2	99.2	99.4	99.4	99.7	99.8
GE 000	79.5	86.8	90.3	93.3	95.2	96.6	98.1	98.6	98.8	99.1	99.2	99.2	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.7	62.3	62.9	63.7	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 20000	64.5	68.1	68.8	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	64.5	68.1	68.8	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	64.5	68.1	68.8	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000	64.5	68.2	68.9	69.8	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	65.1	68.7	69.5	70.3	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	67.8	71.7	72.5	73.3	73.4	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	68.1	71.9	72.7	73.5	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	69.8	73.7	74.5	75.4	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	70.9	74.7	75.6	76.5	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	71.3	75.3	76.1	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	74.1	78.2	79.1	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	74.2	78.4	79.5	80.3	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	75.1	79.4	81.1	81.9	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	75.7	80.8	82.8	83.7	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	76.5	81.7	83.9	84.8	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2500	77.1	82.5	84.6	85.6	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	78.2	84.1	86.2	87.2	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	78.4	84.4	86.6	87.5	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	79.5	85.5	87.6	88.6	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	80.0	86.2	88.6	89.9	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	80.0	86.2	88.7	90.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	80.2	86.5	88.9	90.4	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	80.8	87.1	89.7	91.2	92.9	93.0	93.2	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 700	80.9	87.2	90.0	91.7	93.8	93.9	94.4	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 600	81.2	87.5	90.5	92.3	94.3	94.4	94.9	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 500	81.5	88.1	91.1	92.8	94.8	95.2	95.7	96.0	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 400	81.5	88.1	91.3	93.2	95.3	95.6	96.1	96.6	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 300	81.6	88.2	91.5	93.5	95.7	96.0	96.7	97.2	97.3	97.6	97.8	97.8	98.0	98.0	98.2	98.2
GE 200	81.6	88.2	91.5	93.5	95.8	96.1	96.9	97.5	97.7	98.2	98.4	98.4	98.6	98.6	98.8	98.8
GE 100	81.6	88.2	91.5	93.5	95.8	96.1	96.9	97.5	97.7	98.3	98.8	98.8	99.1	99.1	99.4	99.4
GE 000	81.6	88.2	91.5	93.5	95.8	96.1	96.9	97.5	97.7	98.3	98.8	98.8	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.4	55.3	56.7	57.4	57.9	58.0	58.2	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.6
GE 20000	57.7	62.4	64.0	64.7	65.3	65.4	65.6	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.1	66.1
GE 18000	57.8	62.5	64.2	64.9	65.5	65.6	65.7	65.9	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2
GE 16000	57.9	62.6	64.2	64.9	65.5	65.6	65.8	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.3
GE 14000	58.1	62.9	64.5	65.2	65.8	65.9	66.1	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.6
GE 12000	58.4	63.3	65.0	65.7	66.3	66.4	66.6	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.1	67.1
GE 10000	61.1	66.4	68.2	69.1	69.7	69.8	69.9	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.5
GE 9000	61.2	66.6	68.4	69.2	69.9	70.0	70.2	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.7	70.7
GE 8000	63.6	69.3	71.2	72.1	72.8	72.9	73.0	73.2	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.6
GE 7000	64.5	70.4	72.5	73.4	74.1	74.2	74.4	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.9	75.0
GE 6000	65.1	71.1	73.2	74.2	74.8	75.0	75.2	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.7	75.7
GE 5000	66.7	73.0	75.2	76.2	76.9	77.1	77.3	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.8
GE 4500	67.2	73.7	76.0	77.0	77.8	78.0	78.2	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.7
GE 4000	68.8	75.5	78.1	79.2	79.9	80.1	80.3	80.5	80.5	80.6	80.7	80.7	80.7	80.8	80.8	80.9
GE 3500	69.4	76.4	79.1	80.2	81.1	81.2	81.4	81.6	81.6	81.8	81.8	81.9	81.9	81.9	81.9	82.0
GE 3000	71.0	78.3	81.2	82.5	83.4	83.6	83.9	84.1	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.5
GE 2500	71.8	79.3	82.3	83.6	84.6	84.8	85.2	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.8
GE 2000	73.0	80.9	84.0	85.5	86.7	86.9	87.3	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	88.0
GE 1800	73.2	81.1	84.3	85.7	87.0	87.2	87.6	87.9	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.3
GE 1500	74.0	82.2	85.4	87.1	88.4	88.7	89.2	89.4	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.9
GE 1200	74.6	82.9	86.3	88.1	89.6	89.8	90.4	90.7	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.2
GE 1000	74.7	83.1	86.7	88.6	90.3	90.6	91.2	91.4	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.0
GE 900	74.8	83.4	87.0	89.0	90.7	91.1	91.8	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.5	92.5
GE 800	75.1	83.7	87.5	89.6	91.5	92.0	92.9	93.3	93.3	93.6	93.7	93.7	93.7	93.8	93.8	93.9
GE 700	75.3	83.9	87.8	90.1	92.2	92.7	93.8	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.8
GE 600	75.4	84.2	88.1	90.6	92.8	93.4	94.5	94.9	95.0	95.3	95.4	95.4	95.5	95.5	95.5	95.6
GE 500	75.6	84.4	88.5	91.0	93.3	94.0	95.2	95.8	95.9	96.2	96.4	96.4	96.5	96.5	96.6	96.7
GE 400	75.7	84.6	88.7	91.4	93.9	94.6	95.9	96.5	96.7	97.0	97.2	97.2	97.3	97.3	97.4	97.5
GE 300	75.7	84.7	88.9	91.7	94.3	95.1	96.4	97.2	97.4	97.8	98.1	98.1	98.2	98.2	98.3	98.4
GE 200	75.7	84.7	88.9	91.7	94.4	95.3	96.7	97.6	97.8	98.3	98.6	98.6	98.8	98.8	99.0	99.1
GE 100	75.7	84.7	88.9	91.7	94.4	95.3	96.8	97.6	97.9	98.4	98.9	98.9	99.1	99.1	99.4	99.7
GE 000	75.7	84.7	88.9	91.7	94.4	95.3	96.8	97.6	97.9	98.4	98.9	98.9	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.2	61.9	64.4	65.3	66.3	66.3	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0
GE 20000	59.8	64.7	67.3	68.3	69.7	69.7	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3
GE 18000	59.8	64.7	67.3	68.3	69.7	69.7	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3
GE 16000	59.9	64.8	67.4	68.4	69.8	69.8	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4
GE 14000	60.0	64.9	67.6	68.6	69.9	69.9	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.6	70.6
GE 12000	61.1	66.0	68.7	69.7	71.0	71.0	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.7	71.7
GE 10000	64.3	69.6	72.3	73.3	74.7	74.7	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3
GE 9000	64.8	70.0	72.8	73.9	75.1	75.1	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8
GE 8000	67.2	72.9	75.8	76.9	78.2	78.2	78.6	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.1
GE 7000	68.7	74.4	77.3	78.6	79.9	79.9	80.2	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8
GE 6000	69.1	74.9	77.8	79.0	80.3	80.3	80.7	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2
GE 5000	70.6	76.6	79.4	80.7	82.0	82.0	82.3	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9
GE 4500	70.7	76.7	79.6	80.9	82.2	82.2	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1
GE 4000	71.9	78.2	81.4	82.9	84.2	84.3	84.7	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2	85.2
GE 3500	72.3	79.0	82.2	83.7	85.1	85.2	85.6	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1
GE 3000	74.7	82.0	85.4	87.0	88.4	88.7	89.0	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.6	89.6
GE 2500	74.9	82.3	85.8	87.3	88.8	89.0	89.3	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9
GE 2000	76.1	83.7	87.2	88.8	90.2	90.4	90.8	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3
GE 1800	76.2	83.8	87.3	88.9	90.4	90.7	91.0	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.6	91.6
GE 1500	77.0	84.7	88.6	90.1	91.9	92.2	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3
GE 1200	77.6	85.8	90.0	91.7	93.4	93.8	94.3	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9
GE 1000	77.9	86.4	90.8	92.4	94.3	94.7	95.2	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8
GE 900	77.9	86.4	90.8	92.4	94.3	94.7	95.2	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8
GE 800	77.9	86.4	90.8	92.6	94.6	94.9	95.4	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0
GE 700	78.0	86.6	90.9	92.7	94.8	95.1	95.7	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2
GE 600	78.1	86.7	91.1	92.9	95.0	95.3	95.9	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.6	96.6
GE 500	78.1	86.8	91.6	93.3	95.6	95.9	96.4	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1
GE 400	78.1	86.9	91.7	93.4	95.7	96.0	96.6	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2
GE 300	78.1	86.9	91.9	93.8	96.1	96.4	97.0	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.8	97.8
GE 200	78.1	86.9	91.9	93.8	96.2	96.6	97.3	97.8	97.8	98.3	98.3	98.4	98.4	98.4	98.7	98.7
GE 100	78.1	86.9	91.9	93.8	96.2	96.6	97.4	97.9	97.9	98.6	98.7	98.8	98.9	98.9	99.2	99.4
GE 000	78.1	86.9	91.9	93.8	96.2	96.6	97.4	97.9	97.9	98.6	98.7	98.8	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	57.8	60.2	61.5	63.1	63.1	63.6	64.0	64.0	64.3	64.3	64.3	64.4	64.4	64.6	64.6
GE 20000	54.7	61.4	63.7	65.1	66.6	66.6	67.4	67.7	67.7	68.1	68.1	68.1	68.2	68.2	68.4	68.4
GE 18000	54.7	61.4	63.7	65.1	66.6	66.6	67.4	67.7	67.7	68.1	68.1	68.1	68.2	68.2	68.4	68.4
GE 16000	54.7	61.4	63.7	65.1	66.6	66.6	67.4	67.7	67.7	68.1	68.1	68.1	68.2	68.2	68.4	68.4
GE 14000	54.7	61.4	63.7	65.1	66.6	66.6	67.4	67.7	67.7	68.1	68.1	68.1	68.2	68.2	68.4	68.4
GE 12000	55.3	62.2	64.5	65.9	67.4	67.4	68.2	68.5	68.5	68.9	68.9	68.9	69.0	69.0	69.2	69.2
GE 10000	58.4	65.9	68.2	69.5	71.2	71.2	72.0	72.3	72.3	72.6	72.6	72.6	72.7	72.7	73.1	73.1
GE 9000	58.6	66.1	68.4	69.7	71.4	71.4	72.2	72.5	72.5	72.9	72.9	72.9	73.0	73.0	73.3	73.3
GE 8000	59.8	67.7	70.2	71.7	73.4	73.4	74.2	74.6	74.6	75.0	75.0	75.0	75.1	75.1	75.4	75.4
GE 7000	61.1	69.3	72.0	73.6	75.3	75.3	76.1	76.5	76.5	76.9	76.9	76.9	77.0	77.0	77.3	77.3
GE 6000	61.6	70.0	72.6	74.3	76.0	76.0	76.8	77.2	77.2	77.5	77.5	77.5	77.6	77.6	78.0	78.0
GE 5000	62.2	70.5	73.3	75.0	76.6	76.6	77.4	77.9	77.9	78.2	78.2	78.2	78.3	78.3	78.6	78.6
GE 4500	62.4	70.9	73.6	75.3	77.0	77.0	77.8	78.2	78.2	78.5	78.5	78.5	78.6	78.6	79.0	79.0
GE 4000	64.1	73.0	75.9	77.6	79.3	79.3	80.2	80.6	80.6	81.0	81.0	81.0	81.1	81.1	81.4	81.4
GE 3500	64.3	73.3	76.5	78.3	80.0	80.0	80.9	81.3	81.3	81.6	81.6	81.6	81.8	81.8	82.1	82.1
GE 3000	66.4	75.9	79.5	81.4	83.3	83.3	84.2	84.6	84.6	85.0	85.0	85.0	85.1	85.1	85.4	85.4
GE 2500	67.4	76.9	80.5	82.4	84.4	84.4	85.3	85.8	85.8	86.1	86.2	86.2	86.3	86.3	86.7	86.7
GE 2000	68.4	78.2	82.1	84.1	86.2	86.2	87.1	87.5	87.5	87.9	88.0	88.0	88.1	88.1	88.4	88.4
GE 1800	68.5	78.3	82.2	84.2	86.3	86.3	87.2	87.7	87.7	88.0	88.1	88.1	88.2	88.2	88.5	88.5
GE 1500	69.4	79.3	83.4	85.5	87.8	87.8	88.7	89.1	89.1	89.4	89.5	89.5	89.7	89.7	90.0	90.0
GE 1200	69.6	79.8	84.2	86.5	88.9	88.9	89.8	90.2	90.2	90.5	90.7	90.7	90.8	90.8	91.1	91.1
GE 1000	70.0	80.6	85.4	87.9	90.2	90.2	91.1	91.5	91.5	91.9	92.0	92.0	92.1	92.1	92.4	92.4
GE 900	70.4	81.2	86.0	88.4	91.0	91.0	91.9	92.3	92.3	92.7	92.8	92.8	92.9	92.9	93.2	93.2
GE 800	70.5	81.5	86.3	88.8	91.3	91.3	92.2	92.7	92.7	93.0	93.1	93.1	93.2	93.2	93.5	93.5
GE 700	70.7	82.2	87.1	89.9	92.4	92.4	93.3	93.8	93.8	94.1	94.2	94.2	94.3	94.3	94.7	94.7
GE 600	71.2	82.9	88.0	90.8	93.3	93.3	94.3	94.8	94.8	95.1	95.2	95.2	95.3	95.3	95.7	95.7
GE 500	71.2	82.9	88.0	90.8	93.3	93.3	94.3	94.8	94.8	95.1	95.2	95.2	95.3	95.3	95.7	95.9
GE 400	71.2	82.9	88.0	90.9	93.7	93.7	94.7	95.1	95.1	95.4	95.6	95.6	95.7	95.7	96.0	96.2
GE 300	71.2	82.9	88.1	91.0	93.8	93.8	94.9	95.3	95.3	95.7	95.8	95.8	95.9	95.9	96.2	96.6
GE 200	71.2	82.9	88.1	91.0	93.8	93.8	94.9	95.4	95.4	96.3	96.4	96.4	96.6	96.6	96.9	97.4
GE 100	71.2	82.9	88.1	91.0	93.8	93.8	95.2	95.8	95.8	96.8	97.2	97.2	97.6	97.6	98.6	99.3
GE 000	71.2	82.9	88.1	91.0	93.8	93.8	95.2	95.8	95.8	96.8	97.2	97.2	97.6	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	51.7	55.0	57.4	58.7	58.9	59.7	59.7	59.7	60.0	60.1	60.1	60.4	60.6	60.7	60.7
GE 20000	44.2	57.9	61.7	64.4	65.9	66.1	67.0	67.1	67.1	67.6	67.7	67.7	68.0	68.1	68.2	68.2
GE 18000	44.2	57.9	61.7	64.4	65.9	66.1	67.0	67.1	67.1	67.6	67.7	67.7	68.0	68.1	68.2	68.2
GE 16000	44.2	57.9	61.7	64.4	65.9	66.1	67.0	67.1	67.1	67.6	67.7	67.7	68.0	68.1	68.2	68.2
GE 14000	44.2	57.9	61.7	64.4	65.9	66.1	67.0	67.1	67.1	67.6	67.7	67.7	68.0	68.1	68.2	68.2
GE 12000	45.3	59.2	63.0	65.9	67.4	67.7	68.6	68.7	68.7	69.1	69.2	69.2	69.6	69.7	69.8	69.8
GE 10000	47.7	62.2	66.3	69.3	70.9	71.1	72.0	72.1	72.1	72.6	72.7	72.7	73.0	73.1	73.2	73.2
GE 9000	47.8	62.4	66.6	69.6	71.1	71.4	72.3	72.4	72.4	73.0	73.1	73.1	73.4	73.6	73.7	73.7
GE 8000	50.1	65.8	70.1	73.2	75.0	75.3	76.2	76.3	76.3	76.9	77.0	77.0	77.3	77.4	77.6	77.6
GE 7000	50.9	66.8	71.1	74.2	76.0	76.3	77.2	77.3	77.3	77.9	78.0	78.0	78.3	78.4	78.6	78.6
GE 6000	51.0	67.2	71.6	74.8	76.6	76.9	77.8	77.9	77.9	78.4	78.6	78.6	78.9	79.0	79.1	79.1
GE 5000	51.3	67.6	72.3	75.7	77.6	77.9	78.8	78.9	78.9	79.4	79.6	79.6	79.9	80.0	80.1	80.1
GE 4500	51.9	68.3	73.1	76.4	78.3	78.7	79.6	79.7	79.7	80.2	80.3	80.3	80.7	80.8	81.0	81.0
GE 4000	53.0	69.9	74.7	78.0	80.0	80.4	81.3	81.4	81.4	82.0	82.1	82.1	82.4	82.6	82.8	82.8
GE 3500	53.4	70.6	75.3	78.8	81.0	81.4	82.3	82.4	82.6	83.1	83.2	83.2	83.6	83.7	84.0	84.0
GE 3000	53.9	71.8	76.7	80.3	82.7	83.1	84.2	84.3	84.4	85.0	85.1	85.1	85.4	85.6	85.9	85.9
GE 2500	54.6	72.6	77.7	81.4	83.8	84.2	85.3	85.4	85.6	86.1	86.2	86.2	86.6	86.7	87.0	87.0
GE 2000	55.9	74.1	79.2	83.2	86.0	86.6	87.7	87.8	87.9	88.4	88.6	88.6	88.9	89.0	89.3	89.3
GE 1800	55.9	74.1	79.4	83.6	86.3	86.9	88.0	88.1	88.2	88.8	88.9	88.9	89.2	89.3	89.7	89.7
GE 1500	56.3	74.7	80.2	84.4	87.3	87.9	89.0	89.1	89.2	89.8	89.9	89.9	90.2	90.3	90.7	90.7
GE 1200	56.3	74.9	81.0	85.4	88.6	89.1	90.3	90.4	90.6	91.1	91.2	91.2	91.6	91.7	92.0	92.0
GE 1000	56.4	75.3	81.4	86.2	89.8	90.3	91.6	91.7	91.8	92.4	92.6	92.6	92.9	93.0	93.3	93.3
GE 900	56.7	75.8	81.9	86.7	90.2	90.8	92.0	92.1	92.2	92.9	93.0	93.0	93.3	93.4	93.8	93.8
GE 800	56.8	75.9	82.2	87.4	91.0	91.6	92.9	93.0	93.1	93.8	93.9	93.9	94.2	94.3	94.7	94.7
GE 700	56.9	76.1	82.4	87.9	91.7	92.3	93.8	93.9	94.0	94.7	94.8	94.8	95.1	95.2	95.6	95.6
GE 600	57.1	76.7	83.1	88.6	92.3	93.0	94.4	94.6	94.7	95.3	95.4	95.4	95.8	95.9	96.2	96.2
GE 500	57.1	76.7	83.1	88.7	92.4	93.1	94.9	95.1	95.2	96.0	96.1	96.1	96.4	96.6	96.9	97.0
GE 400	57.1	76.7	83.1	88.7	92.6	93.3	95.1	95.3	95.4	96.2	96.3	96.3	96.7	96.8	97.1	97.2
GE 300	57.1	76.7	83.1	88.7	92.9	93.7	95.4	95.8	95.9	96.7	96.9	96.9	97.3	97.4	97.8	97.9
GE 200	57.1	76.7	83.1	88.7	92.9	93.7	95.4	95.9	96.0	96.9	97.2	97.2	97.9	98.0	98.3	98.6
GE 100	57.1	76.7	83.1	88.7	92.9	93.7	95.4	95.9	96.0	97.1	97.4	97.6	98.7	98.8	99.4	99.9
GE 000	57.1	76.7	83.1	88.7	92.9	93.7	95.4	95.9	96.0	97.1	97.4	97.6	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	60.8	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	62.3	69.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 18000	62.3	69.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 16000	62.3	69.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	62.3	69.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	63.0	69.8	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 10000	66.0	73.2	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	66.4	73.7	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	70.7	78.9	80.1	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	70.9	79.4	80.7	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	71.2	79.9	81.1	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	71.9	80.8	82.1	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	72.1	81.0	82.3	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	72.6	81.6	82.9	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	73.2	82.3	83.9	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	74.8	84.6	86.2	87.2	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2500	76.2	86.1	87.9	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	76.8	87.4	89.2	90.4	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	77.1	87.9	89.7	90.9	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	78.1	89.2	91.2	92.4	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	78.4	90.2	92.6	93.8	94.4	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	79.2	91.4	94.1	95.6	96.2	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	79.3	91.7	94.4	96.0	96.7	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	79.3	91.8	94.6	96.2	97.2	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	79.4	91.9	94.8	96.4	97.7	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	79.7	92.2	95.2	96.9	98.2	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	79.7	92.2	95.3	97.0	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	79.7	92.2	95.3	97.0	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	79.7	92.2	95.3	97.0	98.6	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	79.7	92.2	95.4	97.1	98.7	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.7	92.2	95.4	97.1	98.7	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.7	92.2	95.4	97.1	98.7	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 20000	65.8	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 18000	65.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	65.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	65.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	66.4	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 10000	69.8	75.6	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	70.0	75.9	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000	72.9	79.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	73.4	80.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	73.9	81.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	74.9	82.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	75.2	82.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000	76.6	84.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	78.2	85.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3000	81.8	90.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	83.0	91.8	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	83.6	92.7	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	84.0	93.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	85.2	94.4	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	85.9	95.1	96.4	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	86.1	95.4	97.1	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	86.1	95.4	97.1	98.0	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	86.1	95.4	97.1	98.0	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	86.1	95.4	97.1	98.0	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	86.1	95.4	97.1	98.0	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	86.1	95.4	97.1	98.0	99.0	99.0	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7
GE 400	86.1	95.4	97.1	98.0	99.0	99.0	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7
GE 300	86.1	95.4	97.1	98.0	99.0	99.0	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7
GE 200	86.1	95.4	97.1	98.0	99.0	99.0	99.4	99.4	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 100	86.1	95.4	97.1	98.0	99.0	99.0	99.4	99.4	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 000	86.1	95.4	97.1	98.0	99.0	99.0	99.4	99.4	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.0	59.8	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 20000	64.5	69.6	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	64.7	69.9	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 16000	64.7	69.9	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 14000	65.0	70.1	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	65.5	71.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000	68.3	74.6	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	69.4	75.8	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	71.2	78.2	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	71.6	78.6	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000	72.6	79.8	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	73.2	80.5	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	73.4	80.8	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	76.0	83.5	84.8	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	77.9	85.8	87.2	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	80.8	89.4	91.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	82.0	91.1	93.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	82.5	91.7	93.7	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	82.9	92.0	94.1	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	83.2	92.3	94.5	95.7	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	83.4	92.8	95.1	96.3	96.8	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 1000	83.4	92.9	95.2	96.4	96.9	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6
GE 900	83.5	93.0	95.6	96.8	97.2	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9
GE 800	83.5	93.0	95.8	97.2	97.9	98.1	98.3	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 700	83.6	93.3	96.1	97.6	98.4	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	83.6	93.3	96.1	97.7	98.7	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 500	83.6	93.3	96.1	97.8	98.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	83.6	93.3	96.1	97.8	98.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	83.6	93.3	96.1	97.8	98.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	83.6	93.3	96.1	97.8	98.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	83.6	93.3	96.1	97.8	98.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	83.6	93.3	96.1	97.8	98.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	59.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	62.3	67.1	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	62.3	67.1	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	62.3	67.1	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	62.8	67.6	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	64.1	69.0	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 10000	66.9	72.6	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 9000	68.1	73.9	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000	70.4	76.8	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 7000	71.1	77.8	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	71.6	78.2	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000	73.0	79.8	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	73.4	80.3	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	76.0	83.1	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	77.4	84.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	78.7	86.2	89.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	79.2	87.3	90.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	79.8	88.2	91.8	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	79.9	88.4	92.1	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	80.3	89.3	93.1	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	80.6	89.6	93.6	95.3	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	80.6	90.0	94.1	96.2	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 900	80.6	90.0	94.1	96.2	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 800	80.7	90.2	94.8	96.9	97.7	97.9	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
GE 700	80.7	90.2	94.8	96.9	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 600	80.7	90.3	94.9	97.0	97.9	98.1	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 500	80.8	90.6	95.1	97.2	98.2	98.4	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE 400	80.8	90.6	95.1	97.2	98.2	98.4	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
GE 300	80.8	90.6	95.1	97.2	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 200	80.8	90.6	95.1	97.2	98.3	98.6	99.1	99.4	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0
GE 100	80.8	90.6	95.1	97.2	98.3	98.6	99.1	99.4	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0
GE 000	80.8	90.6	95.1	97.2	98.3	98.6	99.1	99.4	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.4	62.0	63.0	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	61.2	66.0	67.9	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	61.2	66.0	67.9	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	61.3	66.1	68.0	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	61.3	66.1	68.0	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	63.0	68.1	70.0	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	67.0	72.3	74.3	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	67.3	72.7	74.7	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	70.4	76.2	78.2	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	71.6	77.3	79.3	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 6000	72.3	78.2	80.2	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	73.6	79.9	81.9	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	74.1	80.4	82.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	76.7	83.4	85.9	86.4	86.7	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	77.4	84.3	87.2	88.0	88.2	88.2	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	79.6	86.4	89.4	90.6	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 2500	79.9	86.9	89.9	91.0	91.3	91.3	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	80.6	87.8	91.0	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	80.9	88.1	91.6	92.7	93.0	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	81.1	88.9	92.3	93.4	94.0	94.2	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	81.8	89.6	93.1	94.4	95.0	95.2	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	81.9	89.7	93.3	94.8	95.4	95.7	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	82.1	90.1	93.8	95.2	96.0	96.2	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	82.2	90.4	94.2	95.7	96.7	96.9	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	82.2	90.4	94.2	95.9	97.0	97.2	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	82.3	90.6	94.3	96.0	97.1	97.3	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	82.7	91.0	94.9	96.7	97.9	98.1	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	82.7	91.0	94.9	96.7	97.9	98.1	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	82.7	91.0	94.9	96.7	97.9	98.1	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	82.7	91.0	94.9	96.7	98.0	98.2	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	82.7	91.0	94.9	96.7	98.0	98.2	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.9
GE 000	82.7	91.0	94.9	96.7	98.0	98.2	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.5	59.2	60.9	61.6	62.1	62.1	62.3	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6
GE 20000	59.4	65.8	67.8	68.6	69.2	69.2	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
GE 18000	59.4	65.9	67.8	68.7	69.2	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.9	69.9
GE 16000	59.4	65.9	67.9	68.7	69.3	69.3	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.9	69.9
GE 14000	59.5	66.0	68.0	68.8	69.4	69.4	69.7	69.7	69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.0
GE 12000	60.5	67.1	69.1	70.0	70.5	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2
GE 10000	63.5	70.7	72.9	73.8	74.4	74.5	74.7	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.1	75.1
GE 9000	64.1	71.3	73.5	74.4	75.0	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6
GE 8000	66.6	74.5	76.8	77.8	78.5	78.5	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.2
GE 7000	67.4	75.5	77.8	78.8	79.5	79.5	79.8	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.2	80.2
GE 6000	67.9	76.1	78.4	79.5	80.1	80.2	80.4	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8
GE 5000	68.8	77.2	79.6	80.6	81.3	81.3	81.6	81.7	81.7	81.8	81.9	81.9	81.9	81.9	82.0	82.0
GE 4500	69.2	77.6	80.0	81.1	81.7	81.7	82.0	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.4
GE 4000	70.8	79.6	82.1	83.3	84.0	84.1	84.3	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.8	84.8
GE 3500	71.8	80.7	83.4	84.6	85.4	85.5	85.8	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.2	86.2
GE 3000	73.8	83.3	86.2	87.6	88.5	88.6	88.9	89.0	89.0	89.1	89.2	89.2	89.2	89.3	89.4	89.4
GE 2500	74.6	84.4	87.3	88.8	89.6	89.8	90.1	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.6
GE 2000	75.5	85.5	88.5	90.1	91.1	91.2	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	92.0	92.0
GE 1800	75.7	85.7	88.9	90.5	91.5	91.6	91.9	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.4	92.4
GE 1500	76.3	86.6	89.9	91.6	92.7	92.9	93.2	93.4	93.4	93.5	93.6	93.6	93.6	93.7	93.7	93.7
GE 1200	76.7	87.2	90.7	92.6	93.8	94.0	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9
GE 1000	76.9	87.7	91.4	93.4	94.8	95.0	95.4	95.6	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.0
GE 900	77.1	88.0	91.7	93.7	95.1	95.3	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.3	96.4	96.4
GE 800	77.1	88.1	92.0	94.1	95.6	95.9	96.4	96.6	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
GE 700	77.2	88.3	92.2	94.4	96.1	96.3	96.9	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.5	97.5
GE 600	77.4	88.5	92.5	94.7	96.4	96.7	97.2	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.9	97.9
GE 500	77.4	88.6	92.7	94.9	96.7	97.0	97.6	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.4
GE 400	77.4	88.6	92.7	95.0	96.8	97.0	97.7	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.5
GE 300	77.4	88.6	92.7	95.0	96.9	97.2	97.9	98.1	98.2	98.4	98.4	98.4	98.5	98.6	98.6	98.7
GE 200	77.4	88.6	92.7	95.0	97.0	97.2	98.0	98.3	98.3	98.7	98.9	98.9	99.0	99.0	99.2	99.3
GE 100	77.4	88.6	92.7	95.0	97.0	97.2	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.3	99.6	99.8
GE 000	77.4	88.6	92.7	95.0	97.0	97.2	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	64.3	66.7	67.3	67.8	67.8	67.8	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 20000	61.5	69.5	72.2	73.0	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1
GE 18000	61.5	69.5	72.2	73.0	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1
GE 16000	61.5	69.5	72.2	73.0	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1
GE 14000	61.7	69.7	72.4	73.2	73.9	73.9	73.9	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 12000	63.0	71.1	74.0	74.8	75.6	75.6	75.6	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 10000	66.7	75.9	78.9	79.8	80.5	80.5	80.5	80.6	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 9000	66.8	76.0	79.0	79.9	80.6	80.6	80.6	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1
GE 8000	69.4	79.2	82.4	83.2	84.0	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 7000	70.0	79.9	83.1	84.0	84.7	84.7	84.7	84.8	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 6000	70.9	81.0	84.2	85.1	85.8	85.8	85.8	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 5000	71.4	81.6	84.8	85.7	86.6	86.6	86.6	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 4500	72.3	82.8	86.0	86.9	87.7	87.7	87.7	87.8	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 4000	73.5	84.4	88.4	89.4	90.2	90.2	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 3500	74.3	85.3	89.4	90.3	91.2	91.2	91.2	91.3	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6
GE 3000	74.9	86.5	91.1	92.0	93.0	93.0	93.0	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 2500	75.3	86.9	91.5	92.5	93.4	93.4	93.4	93.5	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 2000	76.6	88.3	92.9	94.0	94.9	94.9	94.9	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 1800	76.7	88.5	93.1	94.3	95.3	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 1500	77.0	88.9	93.7	94.8	95.8	95.8	95.8	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 1200	77.3	89.7	94.5	95.8	96.9	96.9	96.9	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 1000	77.4	90.0	95.1	96.5	97.5	97.5	97.5	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 900	77.4	90.0	95.1	96.5	97.5	97.5	97.5	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 800	77.4	90.1	95.2	96.6	97.6	97.6	97.6	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 700	77.4	90.1	95.3	96.7	97.7	97.7	97.7	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 600	77.4	90.2	95.4	96.8	97.8	97.8	97.8	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 500	77.4	90.4	95.9	97.4	98.5	98.5	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 400	77.4	90.4	96.1	97.6	98.7	98.7	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	77.4	90.5	96.3	97.8	98.9	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	77.4	90.5	96.3	97.8	98.9	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	77.4	90.5	96.3	97.8	98.9	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 000	77.4	90.5	96.3	97.8	98.9	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	56.2	61.5	63.7	64.7	65.1	65.5	65.7	65.8	65.9	66.0	66.1	66.2	66.2	66.7	66.8
GE 20000	48.2	60.9	66.7	68.9	70.0	70.3	70.8	71.0	71.1	71.3	71.4	71.5	71.6	71.6	72.0	72.2
GE 18000	48.2	60.9	66.7	68.9	70.0	70.3	70.8	71.0	71.1	71.3	71.4	71.5	71.6	71.6	72.0	72.2
GE 16000	48.4	61.1	66.9	69.1	70.2	70.5	71.0	71.2	71.3	71.5	71.6	71.7	71.8	71.8	72.3	72.4
GE 14000	48.5	61.2	67.1	69.4	70.4	70.8	71.2	71.4	71.5	71.7	71.8	71.9	72.0	72.0	72.5	72.6
GE 12000	49.8	62.5	69.0	71.3	72.4	72.7	73.1	73.3	73.4	73.7	73.8	73.9	74.0	74.0	74.4	74.5
GE 10000	53.2	66.3	73.4	75.8	76.9	77.2	77.6	77.8	78.0	78.2	78.3	78.4	78.5	78.6	79.0	79.1
GE 9000	53.4	66.6	73.7	76.0	77.1	77.4	77.8	78.1	78.2	78.4	78.5	78.6	78.7	78.8	79.2	79.4
GE 8000	54.6	68.9	76.1	78.5	79.6	79.9	80.3	80.5	80.6	80.9	81.0	81.1	81.2	81.3	81.7	81.8
GE 7000	55.3	69.6	77.0	79.4	80.5	80.9	81.3	81.5	81.6	81.8	81.9	82.0	82.2	82.3	82.7	82.8
GE 6000	55.8	70.3	77.7	80.3	81.5	81.8	82.3	82.5	82.6	82.8	82.9	83.0	83.1	83.2	83.7	83.8
GE 5000	56.9	71.7	79.5	82.0	83.2	83.5	84.0	84.2	84.3	84.5	84.6	84.7	84.8	84.9	85.4	85.5
GE 4500	57.3	72.2	79.9	82.5	83.7	84.0	84.4	84.6	84.7	84.9	85.1	85.2	85.3	85.4	85.8	85.9
GE 4000	57.7	72.9	80.6	83.3	84.5	84.9	85.4	85.6	85.7	85.9	86.0	86.1	86.2	86.3	86.8	86.9
GE 3500	58.7	74.2	82.4	85.1	86.2	86.7	87.1	87.3	87.4	87.6	87.7	87.8	88.0	88.1	88.5	88.6
GE 3000	60.1	76.1	84.6	87.3	88.6	89.0	89.5	89.7	89.8	90.0	90.1	90.2	90.3	90.4	90.9	91.0
GE 2500	60.4	76.6	85.3	88.0	89.2	89.7	90.2	90.4	90.5	90.8	91.0	91.1	91.2	91.3	91.7	91.8
GE 2000	61.7	78.2	87.0	89.7	91.1	91.5	92.2	92.5	92.6	92.8	93.0	93.1	93.2	93.3	93.8	93.9
GE 1800	62.0	78.5	87.3	90.0	91.4	91.8	92.5	92.8	92.9	93.1	93.3	93.4	93.5	93.7	94.1	94.2
GE 1500	62.3	78.9	87.7	90.4	91.8	92.3	93.0	93.3	93.4	93.7	93.9	94.0	94.1	94.2	94.6	94.7
GE 1200	62.5	79.2	88.4	91.2	92.6	93.0	93.9	94.2	94.3	94.5	94.7	94.8	94.9	95.1	95.5	95.6
GE 1000	62.7	80.1	89.2	92.0	93.4	93.9	94.7	95.1	95.2	95.4	95.6	95.7	95.8	95.9	96.3	96.5
GE 900	62.7	80.1	89.2	92.0	93.4	93.9	94.7	95.1	95.2	95.4	95.6	95.7	95.8	95.9	96.3	96.5
GE 800	63.0	80.5	89.9	92.7	94.1	94.5	95.4	95.7	95.8	96.0	96.2	96.3	96.5	96.6	97.0	97.1
GE 700	63.2	80.8	90.2	93.0	94.4	94.8	95.7	96.0	96.1	96.3	96.6	96.7	96.8	96.9	97.3	97.4
GE 600	63.3	80.9	90.4	93.3	94.7	95.2	96.1	96.5	96.6	96.8	97.0	97.1	97.2	97.3	97.8	98.0
GE 500	63.5	81.2	90.8	93.7	95.2	95.6	96.7	97.3	97.4	97.6	98.1	98.2	98.3	98.4	98.9	99.0
GE 400	63.5	81.2	90.8	93.7	95.2	95.6	96.7	97.3	97.4	97.7	98.2	98.3	98.5	98.6	99.2	99.4
GE 300	63.5	81.2	90.8	93.7	95.2	95.6	96.7	97.3	97.4	97.7	98.2	98.3	98.6	98.7	99.4	99.5
GE 200	63.5	81.2	90.8	93.7	95.2	95.6	96.7	97.3	97.4	97.7	98.2	98.3	98.6	98.7	99.4	99.5
GE 100	63.5	81.2	90.8	93.7	95.2	95.6	96.7	97.3	97.4	97.7	98.2	98.3	98.7	98.8	99.7	99.9
GE 000	63.5	81.2	90.8	93.7	95.2	95.6	96.7	97.3	97.4	97.7	98.2	98.3	98.7	98.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.8	49.1	56.1	59.8	62.4	63.0	63.5	63.7	63.7	63.9	64.0	64.0	64.0	64.1	64.3	64.3
GE 20000	37.6	54.1	61.6	65.6	68.2	68.8	69.7	69.8	69.8	70.0	70.1	70.1	70.1	70.2	70.4	70.4
GE 18000	37.6	54.1	61.6	65.6	68.2	68.8	69.7	69.8	69.8	70.0	70.1	70.1	70.1	70.2	70.4	70.4
GE 16000	37.6	54.1	61.6	65.6	68.2	68.8	69.7	69.8	69.8	70.0	70.1	70.1	70.1	70.2	70.4	70.4
GE 14000	38.1	54.7	62.3	66.2	68.8	69.5	70.3	70.4	70.4	70.6	70.8	70.8	70.8	70.9	71.1	71.1
GE 12000	39.6	56.8	64.5	68.5	71.1	71.7	72.6	72.7	72.7	72.9	73.0	73.0	73.0	73.1	73.3	73.3
GE 10000	44.1	62.7	71.2	75.2	78.3	78.9	79.8	80.0	80.0	80.2	80.3	80.3	80.3	80.4	80.6	80.6
GE 9000	44.2	62.9	71.4	75.4	78.5	79.2	80.1	80.3	80.3	80.5	80.6	80.6	80.6	80.8	81.0	81.0
GE 8000	46.1	65.6	74.3	78.5	81.8	82.6	83.5	83.9	83.9	84.2	84.3	84.3	84.3	84.4	84.6	84.6
GE 7000	46.3	66.5	75.3	79.6	82.9	83.7	84.7	85.1	85.1	85.4	85.5	85.5	85.5	85.6	85.8	85.8
GE 6000	46.7	66.9	75.7	80.1	83.4	84.2	85.3	85.6	85.6	85.9	86.0	86.0	86.0	86.1	86.3	86.3
GE 5000	47.7	68.1	77.1	81.8	85.5	86.2	87.3	87.6	87.6	88.0	88.1	88.1	88.1	88.2	88.4	88.4
GE 4500	48.1	68.5	77.8	82.7	86.7	87.4	88.5	88.8	88.8	89.1	89.2	89.2	89.2	89.4	89.6	89.6
GE 4000	48.4	69.1	78.5	83.4	87.4	88.2	89.2	89.6	89.6	89.9	90.0	90.0	90.0	90.1	90.3	90.3
GE 3500	49.1	70.0	79.6	84.5	88.5	89.2	90.3	90.6	90.6	91.1	91.2	91.2	91.2	91.3	91.5	91.5
GE 3000	49.7	71.1	80.6	85.7	89.8	90.5	92.0	92.4	92.4	92.8	92.9	92.9	92.9	93.0	93.2	93.2
GE 2500	49.9	71.5	81.2	86.2	90.3	91.1	92.6	92.9	92.9	93.3	93.4	93.4	93.4	93.5	93.8	93.8
GE 2000	50.2	71.9	81.7	86.8	90.9	91.6	93.1	93.5	93.5	94.0	94.1	94.1	94.1	94.2	94.4	94.4
GE 1800	50.4	72.2	81.9	87.0	91.1	91.8	93.3	93.8	93.8	94.2	94.3	94.3	94.3	94.4	94.6	94.6
GE 1500	51.0	72.8	82.7	87.7	91.8	92.6	94.2	94.6	94.6	95.1	95.2	95.2	95.2	95.3	95.5	95.5
GE 1200	51.2	73.1	83.1	88.2	92.5	93.2	94.8	95.4	95.5	95.9	96.0	96.0	96.0	96.1	96.3	96.3
GE 1000	51.5	73.7	83.8	88.9	93.2	94.0	95.6	96.1	96.2	96.8	96.9	96.9	96.9	97.0	97.2	97.2
GE 900	51.7	73.9	84.0	89.1	93.4	94.2	95.8	96.3	96.5	97.0	97.1	97.1	97.1	97.2	97.4	97.4
GE 800	51.7	73.9	84.5	90.0	94.3	95.3	96.9	97.5	97.6	98.2	98.3	98.3	98.3	98.4	98.6	98.6
GE 700	51.9	74.1	84.7	90.2	94.6	95.7	97.3	98.0	98.1	98.6	98.7	98.7	98.7	98.8	99.0	99.0
GE 600	51.9	74.1	84.7	90.2	94.8	95.9	97.5	98.2	98.3	98.8	98.9	98.9	98.9	99.0	99.2	99.4
GE 500	51.9	74.2	84.8	90.3	94.9	96.0	97.6	98.4	98.5	99.0	99.1	99.1	99.1	99.2	99.5	99.6
GE 400	51.9	74.2	84.8	90.3	95.1	96.1	97.7	98.5	98.6	99.1	99.2	99.2	99.2	99.4	99.6	99.7
GE 300	51.9	74.2	84.8	90.3	95.1	96.1	97.7	98.5	98.6	99.1	99.2	99.2	99.2	99.4	99.6	99.7
GE 200	51.9	74.2	84.8	90.3	95.2	96.2	97.8	98.6	98.7	99.2	99.4	99.4	99.4	99.5	99.7	99.8
GE 100	51.9	74.2	84.8	90.3	95.2	96.2	97.8	98.6	98.7	99.2	99.4	99.4	99.4	99.5	99.9	100.0
GE 000	51.9	74.2	84.8	90.3	95.2	96.2	97.8	98.6	98.7	99.2	99.4	99.4	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	62.0	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 20000	58.5	68.4	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	58.5	68.4	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000	58.5	68.4	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	58.8	68.7	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 12000	61.0	71.8	75.7	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	64.0	76.5	80.8	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 9000	64.1	76.7	81.0	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 8000	66.7	79.8	84.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 7000	67.8	81.6	86.6	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 6000	68.0	81.8	86.8	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 5000	68.4	82.5	87.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	69.1	83.7	88.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4000	69.7	84.4	89.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	70.2	85.2	90.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	71.6	87.0	92.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	71.9	87.6	93.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	72.5	88.2	93.7	94.9	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800	72.6	88.3	93.8	95.1	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	73.7	89.6	95.2	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	74.3	90.6	96.2	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	74.7	91.3	96.9	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	74.7	91.3	96.9	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	74.8	91.5	97.3	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	74.8	91.5	97.3	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	74.8	91.5	97.3	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	74.8	91.5	97.3	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	74.8	91.5	97.3	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.8	91.5	97.3	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.8	91.5	97.3	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.8	91.5	97.3	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.8	91.5	97.3	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 40

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	62.8	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 20000	63.4	71.8	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	63.4	71.8	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	63.5	71.9	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	63.8	72.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	65.8	74.6	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	69.2	78.7	81.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 9000	69.3	78.9	81.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	71.6	83.2	86.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 7000	72.2	84.1	87.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	72.4	84.4	87.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 5000	73.1	85.3	88.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4500	74.1	86.2	89.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4000	74.5	86.7	90.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	75.3	87.6	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	77.6	90.3	94.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	77.8	90.5	94.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
GE 2000	78.5	91.2	95.6	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 1800	78.7	91.4	95.8	97.0	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
GE 1500	79.0	91.7	96.1	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1200	79.1	92.0	96.6	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1000	79.1	92.1	96.7	98.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	79.1	92.2	96.9	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 800	79.2	92.4	97.0	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	79.2	92.4	97.0	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	79.2	92.4	97.0	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	79.2	92.4	97.0	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	79.2	92.4	97.0	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	79.2	92.4	97.0	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	79.2	92.4	97.0	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	79.2	92.4	97.0	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	79.2	92.4	97.0	98.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	63.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000	63.4	73.7	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	63.4	73.7	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 16000	63.4	73.7	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	64.1	74.3	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 12000	65.7	76.3	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 10000	68.2	79.4	81.2	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 9000	69.2	80.4	82.4	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 8000	71.7	83.9	86.3	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 7000	72.0	84.2	86.7	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 6000	72.3	84.5	87.0	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 5000	72.8	85.4	88.4	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4500	73.4	86.1	89.4	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	74.6	87.5	90.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	75.2	88.5	91.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	77.4	91.4	94.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	78.2	92.2	95.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	78.5	92.8	96.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	78.6	93.0	96.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	79.0	93.4	97.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	79.5	94.0	97.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	79.5	94.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	79.5	94.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	79.5	94.2	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	79.6	94.3	98.1	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	79.6	94.3	98.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	79.6	94.3	98.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.6	94.3	98.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.6	94.3	98.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.6	94.3	98.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.6	94.3	98.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.6	94.3	98.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.5	59.1	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	63.1	71.4	74.3	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000	63.2	71.5	74.4	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 16000	63.2	71.5	74.4	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	63.9	72.4	75.3	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	64.6	73.4	76.3	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 10000	67.1	76.6	79.7	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 9000	67.3	77.0	80.1	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 8000	70.6	81.5	85.2	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000	71.0	81.9	85.6	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 6000	71.0	82.0	85.7	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000	71.8	83.2	87.1	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500	72.2	83.8	87.8	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	73.5	85.7	90.0	90.9	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	74.7	87.2	91.6	92.5	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	75.7	88.5	93.5	94.5	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	76.1	88.9	94.1	95.1	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	76.6	89.4	94.8	96.0	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	76.6	89.4	94.9	96.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	76.8	89.8	95.4	96.6	97.5	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	77.3	90.4	96.0	97.4	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	77.3	90.4	96.1	97.5	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	77.3	90.4	96.1	97.5	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	77.3	90.4	96.2	97.6	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	77.3	90.8	96.7	98.1	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	77.3	90.8	96.7	98.1	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	77.3	90.8	96.7	98.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	77.3	90.8	96.7	98.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	77.3	90.8	96.7	98.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	77.3	90.8	96.7	98.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	77.3	90.8	96.7	98.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	77.3	90.8	96.7	98.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	62.9	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7
GE 20000	64.4	69.8	72.7	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 18000	64.4	69.8	72.7	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 16000	64.4	69.8	72.7	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 14000	64.8	70.2	73.1	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
GE 12000	66.3	72.3	75.4	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 10000	69.1	75.8	79.0	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
GE 9000	69.1	75.8	79.0	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
GE 8000	72.5	79.8	83.1	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 7000	72.9	80.3	83.7	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9
GE 6000	73.5	81.3	84.6	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
GE 5000	74.6	82.5	86.0	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3
GE 4500	75.4	83.2	86.9	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
GE 4000	77.3	85.5	89.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8
GE 3500	78.7	87.0	90.8	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
GE 3000	79.6	88.3	92.9	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 2500	79.9	88.6	93.2	94.2	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
GE 2000	80.2	89.0	93.9	95.2	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5
GE 1800	80.2	89.0	93.9	95.2	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
GE 1500	80.8	89.6	94.8	96.1	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
GE 1200	81.4	90.3	95.7	97.1	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 1000	81.5	90.4	95.9	97.3	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 900	81.5	90.6	96.1	97.5	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 800	81.8	91.0	96.5	97.8	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 700	81.8	91.2	96.7	98.1	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 600	81.8	91.2	96.7	98.1	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 500	81.8	91.4	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 400	81.8	91.4	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
GE 300	81.8	91.4	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
GE 200	81.8	91.4	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
GE 100	81.8	91.4	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
GE 000	81.8	91.4	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	60.0	63.0	64.0	64.6	64.7	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.1	65.1
GE 20000	57.5	67.4	71.1	72.4	73.0	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
GE 18000	57.5	67.4	71.1	72.4	73.0	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.7
GE 16000	57.6	67.5	71.2	72.4	73.1	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.7	73.7
GE 14000	58.0	67.9	71.6	72.9	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.2
GE 12000	59.5	69.8	73.7	75.1	75.8	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.4	76.4
GE 10000	62.7	74.0	78.2	79.6	80.4	80.5	80.7	80.7	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0
GE 9000	62.9	74.3	78.5	80.0	80.7	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.4
GE 8000	65.4	77.7	82.3	83.8	84.5	84.7	84.9	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.2	85.2
GE 7000	65.9	78.5	83.1	84.6	85.4	85.6	85.8	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1
GE 6000	66.3	79.0	83.7	85.2	86.0	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.7	86.7
GE 5000	67.1	80.0	84.9	86.5	87.3	87.4	87.6	87.7	87.7	87.8	87.8	87.9	87.9	87.9	88.0	88.0
GE 4500	67.7	80.8	85.8	87.4	88.3	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.0
GE 4000	68.7	82.0	87.2	88.9	89.8	90.0	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.6
GE 3500	69.5	83.1	88.4	90.1	91.1	91.2	91.4	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.8	91.8
GE 3000	70.8	84.9	90.6	92.4	93.4	93.6	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.2	94.3	94.3
GE 2500	71.2	85.3	91.1	92.9	94.0	94.1	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.8	94.9	94.9
GE 2000	71.8	86.1	92.0	93.9	95.0	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0
GE 1800	72.0	86.3	92.2	94.1	95.2	95.4	95.8	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 1500	72.4	86.8	92.8	94.7	95.9	96.1	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.9	97.0	97.0
GE 1200	72.8	87.4	93.5	95.5	96.7	96.9	97.3	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8
GE 1000	73.0	87.8	93.9	96.0	97.2	97.4	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.3
GE 900	73.0	87.8	94.0	96.1	97.3	97.5	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4
GE 800	73.1	88.0	94.3	96.4	97.7	97.9	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.9	98.9
GE 700	73.2	88.1	94.5	96.6	97.9	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.2	99.2
GE 600	73.2	88.2	94.5	96.6	98.0	98.3	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.3
GE 500	73.2	88.3	94.7	96.8	98.2	98.5	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.6	99.7
GE 400	73.2	88.3	94.7	96.8	98.2	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8
GE 300	73.2	88.3	94.7	96.9	98.3	98.6	99.0	99.3	99.3	99.5	99.6	99.6	99.6	99.7	99.8	99.8
GE 200	73.2	88.3	94.7	96.9	98.3	98.6	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.9
GE 100	73.2	88.3	94.7	96.9	98.3	98.6	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.9	100.0
GE 000	73.2	88.3	94.7	96.9	98.3	98.6	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.2	67.2	69.3	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 20000	61.7	75.6	78.6	80.1	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 18000	61.9	75.8	78.8	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 16000	61.9	75.8	78.8	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 14000	61.9	75.8	78.8	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 12000	62.8	76.9	79.9	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 10000	64.1	79.7	83.2	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 9000	64.4	80.0	83.6	85.3	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 8000	66.8	82.8	86.7	88.4	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 7000	66.9	83.3	87.2	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 6000	67.2	83.7	87.6	89.3	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 5000	67.8	84.2	88.1	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4500	67.8	84.2	88.1	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	68.1	85.1	89.2	91.2	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	69.1	86.7	90.9	92.9	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3000	70.6	88.9	93.1	95.2	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	70.6	89.1	93.4	95.7	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	71.3	90.1	94.6	96.8	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	71.4	90.2	94.7	96.9	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	71.6	90.3	94.9	97.1	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	71.9	90.8	95.3	97.6	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	71.9	90.8	95.6	97.9	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	71.9	90.8	95.6	97.9	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	72.3	91.2	96.0	98.3	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	72.7	91.6	96.4	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	72.7	91.6	96.6	98.9	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	72.7	91.6	96.6	98.9	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	72.7	91.6	96.6	98.9	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.7	91.6	96.6	98.9	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.7	91.6	96.6	98.9	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.7	91.6	96.6	98.9	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.7	91.6	96.6	98.9	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	55.0	62.2	66.1	68.1	68.1	68.3	68.6	68.6	68.9	69.1	69.1	69.2	69.2	69.3	69.3
GE 20000	44.2	61.4	70.3	74.8	77.0	77.0	77.2	77.4	77.4	77.9	78.1	78.1	78.2	78.2	78.3	78.3
GE 18000	44.2	61.4	70.3	74.8	77.0	77.0	77.2	77.4	77.4	77.9	78.1	78.1	78.2	78.2	78.3	78.3
GE 16000	44.2	61.4	70.3	74.8	77.0	77.0	77.2	77.4	77.4	77.9	78.1	78.1	78.2	78.2	78.3	78.3
GE 14000	44.3	61.6	70.4	74.9	77.1	77.1	77.3	77.6	77.6	78.0	78.2	78.2	78.3	78.3	78.4	78.4
GE 12000	44.8	62.2	71.2	75.7	77.9	77.9	78.1	78.3	78.3	78.8	79.0	79.0	79.1	79.1	79.2	79.2
GE 10000	46.3	64.9	74.0	78.4	80.8	80.8	81.0	81.2	81.2	81.7	81.9	81.9	82.0	82.0	82.1	82.1
GE 9000	46.7	65.3	74.4	78.9	81.2	81.2	81.4	81.7	81.7	82.1	82.3	82.3	82.4	82.4	82.6	82.6
GE 8000	49.0	68.9	78.8	83.4	85.8	85.8	86.0	86.2	86.2	86.7	86.9	86.9	87.0	87.0	87.1	87.1
GE 7000	49.0	69.1	79.0	83.7	86.0	86.0	86.2	86.4	86.4	86.9	87.1	87.1	87.2	87.2	87.3	87.3
GE 6000	49.6	69.7	79.6	84.2	86.6	86.6	86.8	87.0	87.0	87.4	87.7	87.7	87.8	87.8	87.9	87.9
GE 5000	50.2	70.6	80.4	85.1	87.4	87.4	87.7	87.9	87.9	88.3	88.6	88.6	88.7	88.7	88.8	88.8
GE 4500	50.6	70.9	80.9	85.6	87.9	87.9	88.1	88.3	88.3	88.8	89.0	89.0	89.1	89.1	89.2	89.2
GE 4000	50.8	71.6	81.7	86.4	88.8	88.8	89.0	89.2	89.2	89.7	89.9	89.9	90.0	90.0	90.1	90.1
GE 3500	51.4	72.6	82.8	87.7	90.0	90.0	90.2	90.4	90.4	90.9	91.1	91.1	91.2	91.2	91.3	91.3
GE 3000	52.6	73.9	84.3	89.2	91.6	91.6	91.8	92.0	92.0	92.4	92.7	92.7	92.8	92.8	92.9	92.9
GE 2500	52.7	74.1	84.8	89.7	92.1	92.1	92.3	92.7	92.7	93.1	93.3	93.3	93.4	93.4	93.6	93.6
GE 2000	53.3	74.9	85.7	90.8	93.3	93.3	93.7	94.0	94.0	94.4	94.7	94.7	94.8	94.8	94.9	94.9
GE 1800	53.4	75.0	85.8	90.9	93.4	93.4	93.8	94.1	94.1	94.6	94.8	94.8	94.9	94.9	95.0	95.0
GE 1500	53.7	75.3	86.3	91.4	94.0	94.0	94.3	94.7	94.7	95.1	95.3	95.3	95.4	95.4	95.6	95.6
GE 1200	54.0	75.8	86.8	92.1	94.7	94.7	95.0	95.3	95.3	95.8	96.0	96.0	96.1	96.1	96.2	96.2
GE 1000	54.1	76.0	87.3	92.7	95.2	95.2	95.6	95.9	95.9	96.3	96.6	96.6	96.7	96.7	96.8	96.8
GE 900	54.1	76.0	87.3	92.7	95.3	95.3	95.7	96.0	96.0	96.4	96.7	96.7	96.8	96.8	96.9	96.9
GE 800	54.6	76.4	87.8	93.1	95.8	95.8	96.1	96.4	96.4	96.9	97.1	97.1	97.2	97.2	97.3	97.3
GE 700	54.9	76.8	88.2	93.6	96.2	96.2	96.7	97.0	97.0	97.4	97.7	97.7	97.8	97.8	97.9	97.9
GE 600	54.9	76.8	88.3	93.8	96.4	96.4	96.9	97.2	97.2	97.7	97.9	97.9	98.0	98.0	98.1	98.1
GE 500	54.9	76.8	88.3	93.9	96.7	96.7	97.3	97.7	97.7	98.1	98.3	98.3	98.4	98.4	98.6	98.6
GE 400	54.9	76.9	88.6	94.1	97.0	97.0	97.7	98.0	98.0	98.4	98.8	98.8	98.9	98.9	99.0	99.0
GE 300	54.9	76.9	88.8	94.3	97.2	97.2	97.9	98.3	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7
GE 200	54.9	76.9	88.8	94.3	97.2	97.2	98.0	98.4	98.4	99.1	99.6	99.6	99.8	99.8	99.9	99.9
GE 100	54.9	76.9	88.8	94.3	97.3	97.3	98.1	98.6	98.6	99.2	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	54.9	76.9	88.8	94.3	97.3	97.3	98.1	98.6	98.6	99.2	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.9	45.0	53.6	59.4	60.9	60.9	61.1	61.1	61.1	61.3	61.4	61.4	61.8	61.8	61.8	61.8
GE 20000	31.3	52.3	62.1	68.4	70.3	70.3	70.6	70.7	70.7	71.0	71.2	71.2	71.6	71.6	71.6	71.6
GE 18000	31.3	52.3	62.1	68.4	70.3	70.3	70.6	70.7	70.7	71.0	71.2	71.2	71.6	71.6	71.6	71.6
GE 16000	31.3	52.3	62.1	68.4	70.3	70.3	70.6	70.7	70.7	71.0	71.2	71.2	71.6	71.6	71.6	71.6
GE 14000	31.7	53.0	62.8	69.2	71.1	71.1	71.3	71.4	71.4	71.8	72.0	72.0	72.3	72.3	72.3	72.3
GE 12000	32.3	54.0	63.8	70.3	72.2	72.2	72.4	72.6	72.6	72.9	73.1	73.1	73.4	73.4	73.4	73.4
GE 10000	34.6	56.9	67.1	74.1	76.2	76.2	76.4	76.6	76.6	76.9	77.1	77.1	77.4	77.4	77.4	77.4
GE 9000	34.7	57.1	67.3	74.3	76.4	76.4	76.7	76.8	76.8	77.1	77.3	77.3	77.7	77.7	77.7	77.7
GE 8000	36.0	60.7	72.2	79.4	81.7	81.7	82.0	82.1	82.1	82.4	82.7	82.7	83.0	83.0	83.0	83.0
GE 7000	36.6	61.3	73.0	80.3	82.6	82.6	82.9	83.0	83.0	83.3	83.6	83.6	83.9	83.9	83.9	83.9
GE 6000	37.2	62.1	73.8	81.1	83.3	83.3	83.7	83.8	83.8	84.1	84.3	84.3	84.7	84.7	84.7	84.7
GE 5000	38.4	64.0	75.7	83.1	85.3	85.3	85.7	85.8	85.8	86.1	86.3	86.3	86.7	86.7	86.7	86.7
GE 4500	38.7	64.2	75.9	83.3	85.6	85.6	85.9	86.0	86.0	86.3	86.6	86.6	86.9	86.9	86.9	86.9
GE 4000	38.8	64.6	76.3	83.8	86.2	86.2	86.7	86.8	86.8	87.1	87.3	87.3	87.7	87.7	87.7	87.7
GE 3500	39.3	65.2	77.1	84.6	87.0	87.0	87.4	87.6	87.6	87.9	88.1	88.1	88.4	88.4	88.4	88.4
GE 3000	39.6	66.1	78.4	86.2	88.7	88.7	89.1	89.2	89.2	89.6	89.8	89.8	90.2	90.2	90.2	90.2
GE 2500	40.2	67.1	79.6	87.4	89.9	89.9	90.3	90.4	90.4	90.8	91.0	91.0	91.4	91.4	91.4	91.4
GE 2000	40.6	68.0	80.7	88.6	91.1	91.1	91.7	91.8	91.8	92.1	92.3	92.3	92.8	92.8	92.8	92.8
GE 1800	40.7	68.2	80.9	88.8	91.3	91.3	91.9	92.0	92.0	92.3	92.6	92.6	93.0	93.0	93.0	93.0
GE 1500	41.0	68.9	81.9	89.9	92.4	92.4	93.2	93.3	93.3	93.7	93.9	93.9	94.3	94.3	94.3	94.3
GE 1200	41.6	69.6	82.7	90.8	93.3	93.3	94.1	94.3	94.3	94.7	94.9	94.9	95.3	95.3	95.3	95.3
GE 1000	41.8	70.0	83.1	91.3	93.9	93.9	94.7	94.9	94.9	95.2	95.4	95.4	95.9	95.9	95.9	95.9
GE 900	41.8	70.1	83.2	91.7	94.2	94.2	95.0	95.2	95.2	95.6	95.8	95.8	96.2	96.2	96.2	96.2
GE 800	42.0	70.3	83.7	92.1	94.8	94.8	95.6	95.9	95.9	96.2	96.4	96.4	96.9	96.9	96.9	96.9
GE 700	42.0	70.4	83.9	92.4	95.1	95.1	95.9	96.2	96.2	96.6	96.8	96.8	97.2	97.2	97.2	97.2
GE 600	42.1	70.7	84.1	92.8	95.4	95.4	96.3	96.7	96.7	97.0	97.2	97.2	97.7	97.7	97.7	97.7
GE 500	42.1	70.8	84.3	93.2	96.2	96.2	97.2	97.7	97.7	98.1	98.3	98.3	98.8	98.9	98.9	98.9
GE 400	42.1	70.9	84.4	93.3	96.4	96.4	97.4	97.9	97.9	98.3	98.6	98.6	99.0	99.1	99.2	99.2
GE 300	42.1	70.9	84.4	93.4	96.7	96.8	97.9	98.3	98.3	98.8	99.0	99.0	99.4	99.6	99.7	99.7
GE 200	42.1	70.9	84.4	93.4	96.7	96.8	97.9	98.3	98.3	98.8	99.1	99.1	99.7	99.8	99.9	99.9
GE 100	42.1	70.9	84.4	93.4	96.7	96.8	97.9	98.3	98.3	98.8	99.2	99.2	99.8	99.9	100.0	100.0
GE 000	42.1	70.9	84.4	93.4	96.7	96.8	97.9	98.3	98.3	98.8	99.2	99.2	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC

PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 5

MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CRIL	44.8	58.6	64.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 20000	51.4	66.6	72.4	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 18000	51.4	66.6	72.4	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	51.6	66.7	72.6	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 14000	52.0	67.3	73.4	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	52.7	68.7	74.9	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	56.2	73.4	79.9	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 9000	56.3	73.8	80.2	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 8000	59.9	78.1	85.3	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 7000	60.7	78.9	86.1	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	60.7	78.9	86.1	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 5000	60.8	79.2	86.4	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	60.9	79.3	86.6	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4000	61.2	79.7	86.9	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	62.1	80.8	88.0	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	63.7	83.3	91.4	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	64.0	84.1	92.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	64.6	85.2	93.6	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	65.0	85.7	94.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	65.3	86.2	94.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	65.6	86.4	95.2	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	65.6	86.6	95.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	65.7	86.7	95.7	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	65.7	86.7	95.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	65.7	86.7	95.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	65.7	86.7	95.8	98.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	65.7	86.7	95.8	98.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	65.7	86.7	95.8	98.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.7	86.7	95.8	98.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.7	86.7	95.8	98.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.7	86.7	95.8	98.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.7	86.7	95.8	98.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	55.3	62.2	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 20000	52.0	65.7	73.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	52.0	65.7	73.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	52.0	65.7	73.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	52.7	66.4	74.3	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000	53.2	67.2	75.2	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	55.9	70.3	78.9	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 9000	55.9	70.4	79.0	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	59.4	75.9	84.8	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	59.8	76.2	85.2	86.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 6000	60.1	76.6	85.6	87.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 5000	60.3	76.9	85.9	87.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4500	60.3	76.9	86.1	87.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	61.1	78.0	87.4	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	62.0	79.3	88.8	90.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	64.3	83.0	92.6	94.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	64.7	83.7	93.3	95.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	65.7	84.8	94.6	96.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	65.7	84.8	94.7	96.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	65.9	85.0	95.1	97.1	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	66.0	85.1	95.2	97.4	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	66.1	85.2	95.3	97.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	66.1	85.2	95.3	97.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	66.2	85.3	95.4	97.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	66.2	85.3	95.4	97.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	66.3	85.4	95.6	97.9	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.3	85.4	95.6	97.9	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.3	85.4	95.6	97.9	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.3	85.4	95.6	97.9	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.3	85.4	95.6	97.9	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.3	85.4	95.6	97.9	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.3	85.4	95.6	97.9	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.0	56.7	61.0	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	51.4	68.4	74.0	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 18000	51.7	68.7	74.2	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 16000	51.7	68.7	74.2	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 14000	52.0	69.1	74.7	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 12000	53.1	70.3	75.9	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 10000	55.2	73.3	79.8	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 9000	55.4	73.9	80.3	81.6	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 8000	57.8	77.4	84.3	85.8	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	58.0	77.7	84.6	86.3	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 6000	58.2	78.0	84.9	86.7	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 5000	58.8	78.7	85.9	87.8	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4500	58.9	78.8	86.0	87.9	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	59.9	80.1	87.7	89.8	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	60.2	80.9	88.4	90.7	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	61.7	84.1	91.9	94.2	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	61.8	84.2	92.2	94.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	63.0	85.7	93.8	96.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	63.0	85.7	93.8	96.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	63.1	85.8	94.0	97.0	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	63.3	86.0	94.2	97.3	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	63.3	86.0	94.2	97.4	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 900	63.3	86.0	94.2	97.4	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 800	63.3	86.0	94.2	97.4	98.8	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 700	63.3	86.0	94.2	97.4	98.8	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	63.3	86.0	94.2	97.4	98.8	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	63.3	86.0	94.2	97.4	98.8	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	63.3	86.0	94.2	97.4	98.8	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 300	63.3	86.0	94.2	97.4	98.8	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	63.3	86.0	94.2	97.4	98.8	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	63.3	86.0	94.2	97.4	98.8	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	63.3	86.0	94.2	97.4	98.8	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.4	53.8	58.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	52.3	65.9	72.8	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	52.6	66.1	73.0	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	52.6	66.1	73.0	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000	53.3	66.9	73.8	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000	54.3	68.1	75.0	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	57.2	71.8	79.2	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 9000	57.8	72.3	79.8	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	60.6	75.9	84.2	86.4	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 7000	61.6	76.9	85.2	87.4	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	62.0	77.3	85.7	87.9	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	62.8	78.4	86.8	89.0	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	62.9	78.8	87.1	89.3	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	63.4	79.8	88.3	90.7	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	64.0	80.8	89.3	91.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	65.7	83.4	92.3	95.0	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	65.7	83.7	92.7	95.3	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	65.8	83.9	93.1	95.9	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	65.8	83.9	93.1	95.9	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	66.0	84.3	93.6	96.3	98.2	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	66.0	84.3	93.6	96.6	98.4	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	66.0	84.4	93.7	96.7	98.6	98.7	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	66.0	84.4	93.7	96.7	98.6	98.7	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	66.0	84.4	93.7	96.7	98.6	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	66.0	84.6	93.8	96.8	98.7	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	66.0	84.6	93.8	96.8	98.7	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.0	84.6	93.8	96.8	98.7	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.0	84.6	93.8	96.8	98.7	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.0	84.6	93.8	96.8	98.7	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.0	84.6	93.8	96.8	98.7	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.0	84.6	93.8	96.8	98.7	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.0	84.6	93.8	96.8	98.7	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.7	61.0	63.6	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	58.3	70.7	74.3	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 18000	58.7	71.0	74.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 16000	58.7	71.0	74.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 14000	59.0	71.3	75.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	59.8	72.3	76.1	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	61.9	75.1	79.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 9000	62.2	75.6	80.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	65.2	80.3	86.0	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	66.0	81.2	86.9	89.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 6000	66.0	81.2	87.0	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 5000	67.0	82.3	88.1	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4500	67.0	82.4	88.2	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	67.3	83.0	88.9	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	68.0	83.7	89.8	92.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	69.8	86.2	92.4	94.9	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	69.9	86.6	92.8	95.6	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	70.0	87.0	93.4	96.3	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	70.1	87.2	93.7	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	70.1	87.2	94.0	97.0	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	70.2	87.4	94.2	97.3	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	70.3	87.6	94.3	97.4	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	70.3	87.6	94.3	97.4	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	70.8	88.1	94.9	98.0	98.9	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	70.8	88.1	94.9	98.0	98.9	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	70.8	88.1	94.9	98.0	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	70.8	88.1	94.9	98.0	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	70.8	88.1	94.9	98.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.8	88.1	94.9	98.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.8	88.1	94.9	98.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.8	88.1	94.9	98.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	70.8	88.1	94.9	98.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.0	56.6	61.7	63.8	64.4	64.4	64.5	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	50.3	65.8	72.3	74.7	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 18000	50.5	65.9	72.4	74.8	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0
GE 16000	50.5	66.0	72.4	74.9	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.1	76.1
GE 14000	50.9	66.4	72.9	75.4	76.2	76.2	76.3	76.3	76.3	76.4	76.5	76.5	76.6	76.6	76.6	76.6
GE 12000	51.6	67.5	74.0	76.5	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 10000	53.9	70.7	77.8	80.5	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7
GE 9000	54.2	71.1	78.1	80.8	81.8	81.8	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 8000	56.8	75.0	82.8	85.6	86.7	86.7	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
GE 7000	57.3	75.6	83.4	86.3	87.3	87.4	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.8	87.8
GE 6000	57.6	75.9	83.8	86.7	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 5000	58.3	76.8	84.7	87.6	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 4500	58.4	76.9	84.9	87.8	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
GE 4000	58.8	77.7	85.8	88.8	90.0	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 3500	59.5	78.7	86.9	90.0	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6
GE 3000	61.0	81.1	89.6	92.8	94.2	94.2	94.3	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	61.2	81.6	90.1	93.4	94.8	94.9	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	61.8	82.4	91.2	94.7	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 1800	61.9	82.6	91.3	94.8	96.3	96.3	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9
GE 1500	62.1	82.9	91.8	95.4	96.8	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5
GE 1200	62.3	83.2	92.2	95.8	97.4	97.4	97.7	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1
GE 1000	62.4	83.3	92.4	96.2	97.7	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 900	62.4	83.3	92.4	96.3	97.8	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 800	62.6	83.6	92.7	96.5	98.1	98.2	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 700	62.7	83.7	92.8	96.7	98.2	98.3	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	62.7	83.7	92.9	96.8	98.3	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	62.7	83.7	92.9	96.9	98.5	98.6	99.1	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	62.7	83.8	93.0	96.9	98.6	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 300	62.7	83.8	93.0	97.0	98.6	98.8	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	62.7	83.8	93.0	97.0	98.6	98.8	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	62.7	83.8	93.0	97.0	98.6	98.8	99.3	99.5	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0
GE 000	62.7	83.8	93.0	97.0	98.6	98.8	99.3	99.5	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	59.8	66.0	68.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 20000	52.3	67.1	74.3	77.0	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000	52.3	67.1	74.3	77.0	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 16000	52.3	67.1	74.3	77.0	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 14000	52.4	67.2	74.4	77.1	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 12000	53.5	68.9	76.1	78.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 10000	58.3	74.1	81.3	84.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 9000	58.3	74.1	81.3	84.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 8000	60.3	77.2	85.3	88.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 7000	60.8	77.8	85.9	88.9	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 6000	60.8	77.8	85.9	88.9	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 5000	61.3	79.2	87.3	90.3	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4500	61.3	79.2	87.3	90.3	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	62.2	80.2	88.8	92.0	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3500	62.4	80.4	89.1	92.5	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	63.4	82.4	91.4	94.8	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	63.4	82.4	91.7	95.2	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	63.9	82.8	92.3	95.8	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	63.9	82.8	92.3	95.8	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	64.2	83.2	92.7	96.3	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	64.2	83.2	92.9	96.6	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	64.4	83.4	93.1	96.8	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	64.4	83.4	93.1	96.8	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	64.4	83.4	93.1	96.8	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	64.4	83.5	93.2	96.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	64.4	83.5	93.2	96.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	64.4	83.5	93.3	97.0	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	64.4	83.5	93.3	97.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	64.4	83.5	93.3	97.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.4	83.5	93.3	97.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.4	83.5	93.3	97.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.4	83.5	93.3	97.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.0	52.4	60.4	63.8	67.3	67.4	68.0	68.6	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0
GE 20000	42.0	59.4	69.0	73.0	77.1	77.3	77.8	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 18000	42.0	59.4	69.0	73.0	77.1	77.3	77.8	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 16000	42.0	59.4	69.0	73.0	77.1	77.3	77.8	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 14000	42.0	59.4	69.0	73.1	77.2	77.4	78.0	78.6	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0
GE 12000	43.2	61.0	70.6	74.7	78.8	79.0	79.7	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.8	80.8
GE 10000	47.1	65.5	75.9	80.2	84.7	84.9	85.6	86.2	86.5	86.6	86.6	86.6	86.6	86.7	86.8	86.8
GE 9000	47.1	65.5	75.9	80.2	84.7	84.9	85.6	86.2	86.5	86.5	86.6	86.6	86.6	86.7	86.8	86.8
GE 8000	48.8	68.3	79.5	84.1	88.6	88.8	89.7	90.3	90.5	90.6	90.6	90.6	90.8	90.8	90.9	90.9
GE 7000	49.2	68.7	79.9	84.5	89.0	89.2	90.1	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.3	91.3
GE 6000	49.6	69.2	80.4	85.1	89.6	89.8	90.6	91.3	91.5	91.6	91.6	91.6	91.7	91.7	91.8	91.8
GE 5000	50.2	70.2	81.4	86.0	90.5	90.8	91.6	92.3	92.5	92.6	92.6	92.6	92.7	92.7	92.8	92.8
GE 4500	50.2	70.2	81.5	86.1	90.6	90.9	91.7	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.9	92.9
GE 4000	50.9	71.0	82.4	87.0	91.5	91.7	92.9	93.5	93.8	93.9	93.9	93.9	94.0	94.0	94.2	94.2
GE 3500	51.1	71.2	82.7	87.3	91.8	92.0	93.2	93.9	94.1	94.2	94.2	94.2	94.3	94.3	94.5	94.5
GE 3000	51.8	72.8	84.7	89.5	94.1	94.3	95.5	96.1	96.3	96.5	96.5	96.5	96.6	96.6	96.8	96.8
GE 2500	51.9	72.9	84.8	89.6	94.3	94.5	95.7	96.3	96.6	96.7	96.7	96.7	96.8	96.8	97.0	97.0
GE 2000	52.3	73.2	85.5	90.2	95.1	95.3	96.7	97.3	97.5	97.6	97.6	97.6	97.7	97.7	98.0	98.0
GE 1800	52.3	73.2	85.5	90.2	95.1	95.3	96.7	97.3	97.5	97.6	97.6	97.6	97.7	97.7	98.0	98.0
GE 1500	52.3	73.3	85.8	90.5	95.4	95.6	97.0	97.6	97.8	98.0	98.0	98.0	98.1	98.1	98.3	98.3
GE 1200	52.5	73.8	86.3	91.1	95.9	96.1	97.5	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.8	98.8
GE 1000	52.5	73.8	86.3	91.1	95.9	96.1	97.5	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.9	98.9
GE 900	52.5	73.8	86.3	91.1	95.9	96.1	97.5	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.9	98.9
GE 800	52.5	74.0	86.6	91.3	96.1	96.3	97.7	98.5	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.1
GE 700	52.5	74.0	86.6	91.3	96.1	96.3	97.7	98.5	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.1
GE 600	52.5	74.1	86.8	91.5	96.3	96.6	98.0	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.4	99.4
GE 500	52.5	74.3	87.0	91.7	96.6	96.8	98.2	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.6	99.6
GE 400	52.5	74.3	87.0	91.8	96.7	96.9	98.3	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.7	99.7
GE 300	52.5	74.4	87.1	91.9	96.8	97.0	98.4	99.1	99.4	99.5	99.5	99.5	99.8	99.8	100.0	100.0
GE 200	52.5	74.4	87.1	91.9	96.8	97.0	98.4	99.1	99.4	99.5	99.5	99.5	99.8	99.8	100.0	100.0
GE 100	52.5	74.4	87.1	91.9	96.8	97.0	98.4	99.1	99.4	99.5	99.5	99.5	99.8	99.8	100.0	100.0
GE 000	52.5	74.4	87.1	91.9	96.8	97.0	98.4	99.1	99.4	99.5	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.8	38.0	48.6	54.0	59.0	60.2	62.0	62.7	62.7	62.8	62.9	62.9	63.0	63.0	63.1	63.1
GE 20000	27.5	45.8	58.1	64.8	70.6	71.8	73.7	74.4	74.4	74.5	74.6	74.6	74.7	74.7	74.8	74.8
GE 18000	27.5	45.8	58.1	64.8	70.6	71.8	73.7	74.4	74.4	74.5	74.6	74.6	74.7	74.7	74.8	74.8
GE 16000	27.5	45.8	58.1	64.8	70.6	71.8	73.7	74.4	74.4	74.5	74.6	74.6	74.7	74.7	74.8	74.8
GE 14000	27.6	45.9	58.2	64.9	70.8	71.9	73.8	74.5	74.5	74.6	74.7	74.7	74.8	74.8	74.9	74.9
GE 12000	29.2	48.0	60.5	67.6	73.5	74.7	76.6	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.7
GE 10000	33.1	53.7	67.2	74.8	81.3	82.5	84.3	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.6
GE 9000	33.1	53.7	67.2	74.8	81.3	82.5	84.3	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.6
GE 8000	35.3	57.7	71.8	79.8	86.3	87.6	89.5	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.8	90.8
GE 7000	35.9	58.4	72.6	80.6	87.2	88.5	90.3	91.2	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6
GE 6000	36.3	59.0	73.5	81.7	88.3	89.6	91.4	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.7
GE 5000	36.3	59.1	74.0	82.3	88.9	90.2	92.0	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.3
GE 4500	36.3	59.1	74.0	82.3	88.9	90.2	92.0	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.3
GE 4000	36.7	59.7	74.5	82.9	89.6	90.9	92.7	93.5	93.5	93.7	93.8	93.8	93.9	93.9	94.0	94.0
GE 3500	36.8	60.0	74.8	83.2	89.9	91.2	93.0	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.3	94.3
GE 3000	37.4	60.8	75.8	84.3	91.3	92.6	94.4	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.8	95.8
GE 2500	37.4	60.8	75.8	84.3	91.3	92.6	94.4	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.8	95.8
GE 2000	37.6	61.1	76.2	84.7	91.7	93.0	94.9	95.9	96.0	96.1	96.3	96.3	96.5	96.5	96.6	96.6
GE 1800	37.6	61.2	76.3	84.8	91.8	93.1	95.1	96.0	96.1	96.2	96.5	96.5	96.6	96.6	96.7	96.7
GE 1500	37.7	61.4	76.6	85.1	92.0	93.3	95.3	96.2	96.3	96.6	96.8	96.8	96.9	96.9	97.0	97.0
GE 1200	37.7	61.5	76.9	85.6	92.6	93.9	95.8	96.9	97.0	97.3	97.5	97.5	97.6	97.6	97.7	97.7
GE 1000	37.7	61.6	77.0	85.7	92.7	94.0	95.9	97.0	97.1	97.4	97.6	97.6	97.7	97.7	97.8	97.8
GE 900	37.7	61.7	77.1	85.8	92.8	94.1	96.0	97.1	97.2	97.5	97.7	97.7	97.8	97.8	98.0	98.0
GE 800	38.0	61.9	77.3	86.0	93.1	94.4	96.5	97.5	97.6	98.0	98.2	98.2	98.3	98.3	98.4	98.4
GE 700	38.0	62.2	77.5	86.2	93.3	94.6	96.7	97.7	97.8	98.2	98.4	98.4	98.5	98.5	98.6	98.6
GE 600	38.1	62.3	77.6	86.3	93.4	94.7	96.8	97.8	98.0	98.4	98.6	98.6	98.7	98.7	98.8	98.8
GE 500	38.1	62.5	77.8	86.6	93.7	94.9	97.0	98.1	98.2	98.8	99.0	99.0	99.1	99.1	99.2	99.2
GE 400	38.1	62.5	77.8	86.6	93.7	94.9	97.0	98.1	98.2	98.8	99.0	99.0	99.1	99.1	99.2	99.2
GE 300	38.1	62.5	77.8	86.6	93.9	95.3	97.3	98.4	98.5	99.1	99.4	99.4	99.6	99.6	99.7	99.7
GE 200	38.1	62.5	77.8	86.6	93.9	95.3	97.3	98.4	98.5	99.1	99.4	99.4	99.7	99.7	99.9	99.9
GE 100	38.1	62.5	77.8	86.6	93.9	95.3	97.3	98.4	98.5	99.1	99.5	99.5	99.8	99.8	100.0	100.0
GE 000	38.1	62.5	77.8	86.6	93.9	95.3	97.3	98.4	98.5	99.1	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.9	48.7	55.2	58.8	61.2	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 20000	40.0	58.5	65.6	69.8	72.2	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 18000	40.1	58.6	65.7	69.9	72.3	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 16000	40.3	58.8	65.9	70.1	72.5	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	40.8	59.4	66.5	70.6	73.0	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 12000	42.9	61.6	69.1	73.4	75.8	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	48.1	68.6	76.7	81.4	84.0	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 9000	48.1	68.6	76.7	81.4	84.0	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 8000	50.3	72.2	80.5	85.4	88.2	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 7000	51.0	72.9	81.4	86.2	89.0	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	51.2	73.1	81.7	86.6	89.4	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	51.5	73.8	82.9	87.7	90.5	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 4500	51.5	73.8	82.9	87.7	90.5	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 4000	51.7	74.0	83.1	88.1	91.0	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	51.7	74.2	83.3	88.3	91.2	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	53.2	76.3	85.9	91.2	94.4	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	53.4	76.8	86.7	91.9	95.2	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	54.3	78.2	88.4	93.7	97.0	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	54.3	78.3	88.5	93.8	97.1	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	54.6	78.6	88.8	94.1	97.4	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	54.6	79.0	89.5	94.9	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	54.6	79.0	89.5	94.9	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	54.6	79.1	89.6	95.2	98.6	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	54.6	79.1	89.6	95.2	98.6	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	54.6	79.1	89.6	95.3	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	54.6	79.1	89.6	95.3	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	54.6	79.1	89.6	95.3	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	54.6	79.1	89.6	95.3	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	54.6	79.1	89.6	95.3	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	54.6	79.1	89.6	95.3	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	54.6	79.1	89.6	95.3	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	54.6	79.1	89.6	95.3	98.7	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.3	48.6	55.7	58.2	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	45.1	61.4	69.5	73.3	75.1	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	45.4	61.7	69.8	73.7	75.4	75.6	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	45.6	61.9	70.0	73.9	75.6	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 14000	45.9	62.4	70.4	74.3	76.0	76.2	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 12000	47.8	64.5	72.7	76.6	78.3	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 10000	52.8	70.8	79.5	83.4	85.2	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 9000	52.9	71.0	79.7	83.7	85.4	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 8000	54.8	74.2	82.9	86.9	89.0	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 7000	55.9	75.3	84.0	88.0	90.1	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 6000	56.0	75.4	84.1	88.1	90.2	90.4	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 5000	56.5	75.8	84.9	88.9	91.2	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4500	56.5	75.8	84.9	88.9	91.2	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	56.6	75.9	85.3	89.2	91.5	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	57.2	76.6	85.9	90.0	92.4	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	59.4	79.4	89.8	94.0	96.7	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	59.5	79.6	90.2	94.4	97.1	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	60.1	80.5	91.4	95.7	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	60.1	80.5	91.4	95.7	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	60.2	80.6	91.5	96.0	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	60.3	80.9	91.9	96.6	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.4	81.0	92.0	96.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.5	47.3	53.9	56.2	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	45.7	64.0	71.9	75.1	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 18000	45.9	64.3	72.3	75.4	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 16000	45.9	64.3	72.3	75.4	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 14000	46.1	64.5	72.5	75.6	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 12000	47.6	66.5	74.4	78.0	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 10000	52.6	73.2	81.4	85.4	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	52.6	73.2	81.4	85.4	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 8000	54.7	76.8	85.4	89.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 7000	54.8	76.9	85.5	89.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 6000	54.9	77.2	85.9	90.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000	55.1	77.5	86.5	90.5	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4500	55.1	77.5	86.6	90.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000	55.3	77.8	87.1	91.3	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	55.4	78.3	87.5	91.8	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	56.9	80.0	89.7	94.8	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	57.1	80.3	90.1	95.3	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	57.2	80.5	90.6	96.0	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	57.2	80.5	90.6	96.0	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	57.2	80.5	90.8	96.1	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	57.3	80.6	90.9	96.2	99.0	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	57.3	80.6	90.9	96.2	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	43.2	49.1	52.4	54.2	54.3	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	46.0	59.8	68.3	72.6	74.7	74.8	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	46.1	59.9	68.4	72.7	74.8	74.9	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 16000	46.1	59.9	68.4	72.7	74.8	74.9	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 14000	46.5	60.2	68.7	73.0	75.2	75.3	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	48.9	63.4	72.5	76.8	78.9	79.0	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 10000	53.9	70.6	80.2	84.7	87.0	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 9000	54.1	70.9	80.4	84.9	87.2	87.3	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000	56.5	74.0	84.3	89.2	91.6	91.7	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7000	56.5	74.1	84.4	89.4	91.7	91.8	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000	56.5	74.1	84.5	89.5	91.8	91.9	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 5000	57.0	74.6	85.2	90.1	92.5	92.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4500	57.0	74.7	85.4	90.3	92.7	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	57.3	75.2	85.9	90.9	93.2	93.3	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	57.5	75.7	86.5	91.5	94.0	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	58.4	77.0	88.3	94.0	96.8	96.9	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	58.6	77.5	88.8	94.5	97.3	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	58.9	78.0	89.4	95.2	98.0	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 1800	58.9	78.0	89.4	95.2	98.0	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 1500	58.9	78.0	89.5	95.3	98.3	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 1200	58.9	78.1	89.6	95.6	98.6	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1000	58.9	78.1	89.6	95.6	98.6	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	58.9	78.1	89.7	95.7	98.7	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	58.9	78.1	89.8	95.8	98.8	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	55.8	61.8	65.4	66.0	66.1	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 20000	52.2	64.5	71.9	76.5	77.1	77.4	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 18000	52.2	64.5	71.9	76.5	77.1	77.4	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 16000	52.2	64.5	71.9	76.5	77.1	77.4	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 14000	52.7	65.2	72.7	77.3	78.0	78.3	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 12000	54.6	67.2	74.9	79.6	80.2	80.5	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 10000	58.8	71.8	79.9	84.6	85.3	85.6	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 9000	58.8	71.8	79.9	84.6	85.3	85.6	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 8000	61.3	75.4	84.1	89.0	89.8	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 7000	61.4	75.6	84.5	89.5	90.2	90.5	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000	61.4	75.7	84.8	89.8	90.5	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 5000	62.0	76.7	85.8	90.8	91.5	91.8	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500	62.0	76.7	85.8	90.8	91.5	91.8	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000	62.6	77.8	87.2	92.2	92.9	93.2	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	63.0	78.3	87.6	92.7	93.4	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	64.3	79.9	89.7	94.9	95.9	96.2	96.5	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	64.4	80.3	90.1	95.6	96.6	96.9	97.1	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	64.8	80.8	90.6	96.8	97.8	98.2	98.4	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	64.8	80.8	90.6	96.8	97.8	98.2	98.4	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	65.1	81.2	91.1	97.2	98.3	98.6	98.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	65.1	81.2	91.2	97.4	98.5	98.8	99.0	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	65.1	81.2	91.2	97.4	98.7	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	65.1	81.2	91.2	97.4	98.7	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	65.1	81.2	91.2	97.4	98.7	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	65.1	81.2	91.2	97.4	98.7	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	65.1	81.2	91.2	97.4	98.7	99.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	65.1	81.2	91.2	97.4	98.7	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	65.1	81.2	91.2	97.4	98.7	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.1	81.2	91.2	97.4	98.7	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.1	81.2	91.2	97.4	98.7	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.1	81.2	91.2	97.4	98.7	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.1	81.2	91.2	97.4	98.7	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.1	49.2	56.3	59.6	61.9	62.2	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 20000	43.8	60.1	68.6	72.8	75.3	75.6	76.1	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
GE 18000	43.9	60.2	68.7	72.9	75.4	75.7	76.2	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6
GE 16000	44.0	60.2	68.7	72.9	75.5	75.8	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 14000	44.2	60.5	69.0	73.3	75.8	76.1	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
GE 12000	46.0	62.6	71.4	75.7	78.3	78.6	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 10000	50.6	68.5	77.8	82.4	85.1	85.4	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 9000	50.6	68.6	77.8	82.4	85.1	85.5	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
GE 8000	52.8	72.0	81.7	86.5	89.4	89.8	90.3	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
GE 7000	53.2	72.5	82.3	87.1	90.0	90.3	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3
GE 6000	53.3	72.7	82.6	87.4	90.4	90.7	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 5000	53.7	73.4	83.5	88.3	91.3	91.7	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
GE 4500	53.7	73.4	83.5	88.4	91.4	91.7	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	54.1	74.0	84.3	89.2	92.2	92.5	93.1	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 3500	54.4	74.3	84.7	89.7	92.7	93.1	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	55.6	76.1	86.9	92.2	95.5	95.8	96.4	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 2500	55.7	76.3	87.3	92.6	95.9	96.3	96.8	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 2000	56.1	76.9	88.1	93.5	96.9	97.3	97.9	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1800	56.1	76.9	88.1	93.5	96.9	97.3	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5
GE 1500	56.3	77.1	88.3	93.8	97.2	97.6	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1200	56.3	77.3	88.6	94.2	97.7	98.1	98.7	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 1000	56.4	77.3	88.7	94.3	97.8	98.2	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	56.4	77.4	88.7	94.4	97.8	98.2	98.8	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 800	56.4	77.4	88.8	94.4	97.9	98.3	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 700	56.4	77.5	88.8	94.5	98.0	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 600	56.4	77.5	88.9	94.5	98.0	98.4	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	56.4	77.5	89.0	94.6	98.1	98.5	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	56.4	77.5	89.0	94.6	98.1	98.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	56.4	77.6	89.0	94.6	98.1	98.6	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	56.4	77.6	89.0	94.6	98.1	98.6	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	56.4	77.6	89.0	94.6	98.1	98.6	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	56.4	77.6	89.0	94.6	98.1	98.6	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.7	49.6	55.2	58.6	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.5	61.5	61.5
GE 20000	44.2	58.0	64.4	68.9	71.9	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.8	72.8	72.8
GE 18000	44.2	58.0	64.4	68.9	71.9	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.8	72.8	72.8
GE 16000	44.2	58.0	64.4	68.9	71.9	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.8	72.8	72.8
GE 14000	44.6	58.4	64.8	69.5	72.5	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.3	73.3
GE 12000	45.3	59.4	65.8	70.5	73.7	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.5	74.5	74.5
GE 10000	49.6	65.3	72.7	77.8	81.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.9	81.9	81.9
GE 9000	49.6	65.3	72.7	77.8	81.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.9	81.9	81.9
GE 8000	52.5	69.4	77.2	82.8	86.0	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.9	86.9	86.9
GE 7000	52.6	69.6	77.4	83.0	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.1
GE 6000	52.6	69.6	77.4	83.0	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.1
GE 5000	53.2	70.5	78.6	84.2	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.4	88.4	88.4
GE 4500	53.3	70.8	78.8	84.4	87.7	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.6	88.6	88.6
GE 4000	53.4	71.2	79.6	85.3	88.7	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6	89.6	89.6
GE 3500	53.7	71.8	80.5	86.3	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.6	90.6	90.6
GE 3000	55.1	73.8	82.9	88.9	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.3	93.3	93.3
GE 2500	55.7	74.8	84.0	90.2	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.8	94.8	94.8
GE 2000	56.1	75.6	84.8	91.4	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.9	96.0	96.0	96.0
GE 1800	56.3	75.9	85.2	91.7	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.3	96.3	96.3
GE 1500	56.7	76.3	85.6	92.3	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.9	96.9	96.9
GE 1200	57.4	77.1	86.3	93.0	96.7	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7
GE 1000	57.5	77.3	86.6	93.2	96.9	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8	98.0	98.0	98.0
GE 900	57.7	77.5	86.8	93.4	97.1	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3
GE 800	57.7	77.5	86.8	93.4	97.1	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3
GE 700	57.7	77.7	87.0	93.7	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5
GE 600	57.7	77.7	87.0	93.7	97.3	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.6	98.6	98.6
GE 500	57.8	77.8	87.1	93.8	97.5	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.8	98.8	98.8
GE 400	57.8	77.8	87.2	93.9	97.6	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.8	98.9	98.9	98.9
GE 300	57.8	77.8	87.2	93.9	97.6	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.9	99.0	99.1	99.1
GE 200	57.8	78.0	87.3	94.0	97.7	98.4	98.6	98.8	98.8	98.9	98.9	98.9	99.2	99.4	99.5	99.5
GE 100	57.8	78.0	87.3	94.0	97.7	98.4	98.6	98.8	98.8	99.1	99.1	99.1	99.6	99.7	99.8	99.8
GE 000	57.8	78.0	87.3	94.0	97.7	98.4	98.6	98.8	98.8	99.1	99.1	99.1	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.8	45.7	51.4	56.2	59.8	60.8	61.4	61.6	61.6	61.7	61.8	61.8	62.2	62.2	62.4	62.4
GE 20000	37.2	52.0	59.6	65.2	69.1	70.2	70.9	71.1	71.1	71.2	71.3	71.3	71.6	71.6	71.8	71.8
GE 18000	37.2	52.0	59.6	65.2	69.1	70.2	70.9	71.1	71.1	71.2	71.3	71.3	71.6	71.6	71.8	71.8
GE 16000	37.2	52.0	59.6	65.2	69.1	70.2	70.9	71.1	71.1	71.2	71.3	71.3	71.6	71.6	71.8	71.8
GE 14000	37.3	52.2	59.7	65.3	69.2	70.3	71.0	71.2	71.2	71.3	71.4	71.4	71.7	71.7	71.9	71.9
GE 12000	38.1	53.4	61.0	66.6	70.6	71.7	72.4	72.6	72.6	72.7	72.8	72.8	73.1	73.1	73.3	73.3
GE 10000	41.0	57.7	65.5	71.8	76.0	77.2	77.8	78.1	78.1	78.2	78.3	78.3	78.6	78.6	78.8	78.8
GE 9000	41.0	57.7	65.5	71.8	76.0	77.2	77.8	78.1	78.1	78.2	78.3	78.3	78.6	78.6	78.8	78.8
GE 8000	43.7	61.4	69.6	76.2	80.5	81.7	82.4	82.6	82.6	82.7	82.8	82.8	83.1	83.1	83.3	83.3
GE 7000	43.9	61.7	69.9	76.6	80.9	82.0	82.7	82.9	82.9	83.0	83.1	83.1	83.4	83.4	83.7	83.7
GE 6000	43.9	61.7	69.9	76.6	80.9	82.0	82.7	82.9	82.9	83.0	83.1	83.1	83.4	83.4	83.7	83.7
GE 5000	44.0	61.8	70.5	77.4	82.3	83.4	84.1	84.3	84.3	84.4	84.5	84.5	84.8	84.8	85.1	85.1
GE 4500	44.3	62.2	70.9	77.7	82.6	83.8	84.4	84.6	84.6	84.7	84.8	84.8	85.2	85.2	85.4	85.4
GE 4000	44.8	63.3	72.4	79.2	84.1	85.3	85.9	86.1	86.1	86.2	86.3	86.3	86.7	86.7	86.9	86.9
GE 3500	45.6	64.2	73.2	80.2	85.1	86.2	86.9	87.1	87.1	87.2	87.3	87.3	87.6	87.6	87.8	87.8
GE 3000	45.9	64.8	74.3	81.3	86.2	87.4	88.1	88.3	88.3	88.4	88.5	88.5	88.8	88.8	89.0	89.0
GE 2500	46.1	65.5	75.1	82.3	87.2	88.4	89.0	89.2	89.2	89.4	89.5	89.5	89.8	89.8	90.0	90.0
GE 2000	46.8	66.8	76.3	83.9	88.8	90.0	90.8	91.0	91.0	91.1	91.2	91.2	91.5	91.5	91.7	91.7
GE 1800	47.1	67.1	76.7	84.2	89.4	90.5	91.4	91.6	91.6	91.7	91.8	91.8	92.2	92.2	92.4	92.4
GE 1500	47.2	67.6	77.3	84.9	90.2	91.5	92.4	92.6	92.6	92.7	92.8	92.8	93.1	93.1	93.3	93.3
GE 1200	47.3	67.8	77.5	85.2	90.4	91.7	92.6	92.8	92.8	92.9	93.0	93.0	93.3	93.3	93.5	93.5
GE 1000	47.3	68.0	77.6	85.3	90.5	91.8	92.7	93.0	93.0	93.1	93.2	93.2	93.5	93.5	93.8	93.8
GE 900	47.3	68.1	77.7	85.4	90.6	91.9	92.8	93.1	93.1	93.3	93.4	93.4	93.8	93.8	94.0	94.0
GE 800	47.4	68.3	78.0	85.6	91.0	92.3	93.1	93.4	93.4	93.7	93.8	93.8	94.1	94.1	94.3	94.3
GE 700	47.6	68.5	78.3	86.1	91.5	92.8	93.7	94.0	94.0	94.2	94.3	94.3	94.6	94.6	94.8	94.8
GE 600	47.6	69.1	78.9	86.9	92.3	93.5	94.6	94.9	94.9	95.2	95.3	95.3	95.6	95.6	95.8	95.8
GE 500	47.7	69.2	79.0	87.4	92.9	94.2	95.4	95.7	95.7	95.9	96.0	96.0	96.3	96.3	96.6	96.6
GE 400	47.7	69.2	79.0	87.6	93.1	94.4	95.6	95.9	95.9	96.1	96.2	96.2	96.6	96.6	96.8	96.8
GE 300	47.7	69.5	79.2	87.8	93.4	94.7	95.9	96.2	96.2	96.6	96.7	96.8	97.1	97.2	97.4	97.4
GE 200	47.8	69.6	79.5	88.1	93.9	95.3	96.7	97.1	97.1	97.4	97.6	97.7	98.2	98.3	98.6	98.7
GE 100	47.8	69.6	79.5	88.1	93.9	95.3	97.0	97.5	97.5	97.8	98.1	98.2	98.6	99.0	99.5	99.6
GE 000	47.8	69.6	79.5	88.1	93.9	95.3	97.0	97.5	97.5	97.8	98.1	98.2	98.6	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.7	31.1	38.9	45.7	52.0	53.5	56.3	57.5	57.8	58.2	58.5	58.5	58.7	58.9	59.5	59.6
GE 20000	21.9	37.1	46.3	54.1	61.4	63.1	66.2	67.4	67.7	68.2	68.5	68.5	68.7	68.9	69.5	69.6
GE 18000	22.0	37.2	46.5	54.2	61.5	63.2	66.3	67.5	67.8	68.3	68.6	68.6	68.8	69.0	69.6	69.7
GE 16000	22.0	37.2	46.5	54.2	61.5	63.2	66.3	67.5	67.8	68.3	68.6	68.6	68.8	69.0	69.6	69.7
GE 14000	22.2	37.3	46.6	54.3	61.8	63.5	66.7	67.8	68.2	68.6	68.9	68.9	69.1	69.4	69.9	70.0
GE 12000	23.0	38.3	47.6	55.5	63.2	64.9	68.2	69.4	69.7	70.1	70.4	70.4	70.6	70.9	71.4	71.5
GE 10000	25.3	42.2	51.8	60.4	68.5	70.6	74.2	75.7	76.1	76.6	77.0	77.0	77.2	77.4	78.0	78.1
GE 9000	25.4	42.4	52.0	60.6	68.7	70.9	74.4	75.9	76.3	76.8	77.2	77.2	77.4	77.6	78.2	78.3
GE 8000	27.4	45.8	56.0	65.2	74.1	76.2	79.8	81.3	81.7	82.2	82.6	82.6	82.8	83.0	83.5	83.7
GE 7000	27.5	46.2	56.6	65.7	74.6	76.8	80.3	81.8	82.3	82.7	83.1	83.1	83.3	83.5	84.1	84.2
GE 6000	27.5	46.3	56.7	65.8	74.7	76.9	80.4	81.9	82.4	82.8	83.2	83.2	83.4	83.7	84.2	84.3
GE 5000	28.2	47.3	57.7	66.9	75.8	78.2	81.7	83.3	83.8	84.2	84.6	84.6	84.8	85.1	85.6	85.7
GE 4500	28.5	47.6	58.1	67.2	76.1	78.5	82.0	83.7	84.1	84.5	84.9	84.9	85.2	85.4	85.9	86.0
GE 4000	28.5	47.7	58.3	67.4	76.3	78.7	82.3	83.9	84.3	84.7	85.2	85.2	85.4	85.6	86.1	86.2
GE 3500	29.0	48.7	59.5	68.7	77.7	80.1	83.7	85.3	85.7	86.1	86.6	86.6	86.8	87.0	87.5	87.6
GE 3000	29.5	49.1	60.4	69.8	79.0	81.4	84.9	86.6	87.0	87.4	87.8	87.8	88.1	88.3	88.8	88.9
GE 2500	29.7	49.6	61.1	70.8	80.0	82.4	85.9	87.5	88.0	88.4	88.8	88.8	89.0	89.2	89.8	89.9
GE 2000	29.9	49.9	61.8	71.7	81.1	83.4	87.0	88.7	89.1	89.6	90.0	90.0	90.2	90.4	91.0	91.1
GE 1800	29.9	49.9	61.8	71.7	81.1	83.4	87.2	88.9	89.4	89.8	90.2	90.2	90.4	90.6	91.2	91.3
GE 1500	29.9	50.1	62.0	71.9	81.3	83.7	87.4	89.2	89.7	90.1	90.5	90.5	90.8	91.0	91.5	91.6
GE 1200	30.1	50.4	62.5	72.4	81.8	84.3	88.1	89.9	90.3	90.8	91.2	91.2	91.4	91.6	92.2	92.3
GE 1000	30.3	50.6	62.8	72.7	82.2	84.8	88.7	90.6	91.1	91.5	91.9	91.9	92.2	92.4	92.9	93.0
GE 900	30.4	50.8	62.9	72.8	82.3	84.9	88.8	90.8	91.2	91.6	92.0	92.0	92.3	92.5	93.0	93.1
GE 800	30.8	51.1	63.3	73.3	83.1	85.8	89.8	91.7	92.2	92.6	93.0	93.0	93.2	93.4	94.0	94.1
GE 700	30.8	51.2	63.5	73.5	83.5	86.2	90.4	92.4	92.8	93.2	93.7	93.7	93.9	94.1	94.6	94.7
GE 600	30.8	51.2	63.5	73.5	83.7	86.3	90.5	92.5	92.9	93.3	93.8	93.8	94.0	94.2	94.7	94.8
GE 500	30.8	51.2	63.5	73.7	84.4	87.2	91.5	93.4	93.9	94.4	94.8	94.8	95.1	95.3	95.8	95.9
GE 400	30.9	51.3	63.7	74.1	85.3	88.2	92.7	94.6	95.1	95.6	96.0	96.0	96.2	96.5	97.0	97.1
GE 300	30.9	51.4	64.0	74.4	86.1	89.1	93.7	95.8	96.2	97.2	97.8	98.0	98.2	98.4	98.9	99.0
GE 200	30.9	51.4	64.0	74.4	86.2	89.2	93.8	96.0	96.5	97.6	98.3	98.4	98.6	98.8	99.4	99.5
GE 100	30.9	51.4	64.0	74.4	86.2	89.2	94.0	96.2	96.7	97.8	98.5	98.6	99.0	99.2	99.9	100.0
GE 000	30.9	51.4	64.0	74.4	86.2	89.2	94.0	96.2	96.7	97.8	98.5	98.6	99.0	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.5	44.5	52.6	55.3	58.2	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	34.8	51.0	60.1	63.4	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	34.8	51.0	60.1	63.4	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	34.8	51.0	60.1	63.4	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	34.8	51.0	60.2	63.5	66.5	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	36.6	53.4	62.8	66.1	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	39.2	57.6	67.4	71.4	74.4	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	39.2	57.8	67.6	71.6	74.6	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	43.1	62.9	73.1	77.5	80.5	80.8	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000	43.4	63.5	73.9	78.3	81.3	81.5	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	43.5	63.9	74.2	78.7	81.7	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 5000	44.3	64.8	75.3	79.8	82.8	83.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	44.3	64.8	75.3	79.8	82.8	83.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	44.8	65.4	75.9	80.4	83.7	83.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	45.4	66.0	77.1	81.6	84.8	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	46.5	67.2	79.2	83.8	87.2	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	46.7	67.4	79.5	84.0	87.4	87.7	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	47.5	68.9	81.1	85.7	89.4	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1800	47.7	69.1	81.4	86.0	89.8	90.2	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	48.1	70.0	82.6	87.4	91.4	91.8	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	48.5	70.8	83.5	88.7	92.9	93.3	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 1000	48.8	71.3	84.3	89.6	94.1	94.5	95.1	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 900	48.9	71.7	84.8	90.1	94.6	95.1	95.6	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 800	49.2	72.2	85.4	90.8	95.6	96.1	96.8	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 700	49.2	72.2	85.5	91.1	95.9	96.7	97.7	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 600	49.2	72.2	85.5	91.3	96.1	97.0	98.1	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 500	49.2	72.3	85.6	91.7	96.6	97.4	98.6	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 400	49.2	72.3	85.7	91.9	96.9	97.7	98.9	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	49.2	72.3	85.7	91.9	96.9	97.7	98.9	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	49.2	72.3	85.7	91.9	96.9	97.7	98.9	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	49.2	72.3	85.7	91.9	96.9	97.7	98.9	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	49.2	72.3	85.7	91.9	96.9	97.7	98.9	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.7	47.4	53.2	55.2	57.4	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	37.7	55.2	63.3	66.0	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	37.7	55.2	63.3	66.0	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	37.7	55.2	63.3	66.0	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	38.2	55.6	63.8	66.5	68.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	40.1	57.7	65.9	68.6	71.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000	42.9	62.2	70.3	73.5	75.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	42.9	62.3	70.4	73.7	76.0	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000	46.5	66.5	75.2	78.5	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	46.9	67.1	75.8	79.1	81.7	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	47.1	67.3	76.0	79.4	81.9	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	47.7	68.4	77.1	80.4	83.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4500	47.7	68.4	77.1	80.4	83.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	48.3	69.1	77.8	81.3	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	48.3	69.5	78.6	82.0	84.6	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	51.0	74.1	83.9	87.7	90.6	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	51.4	74.6	84.7	88.6	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	52.0	75.9	86.5	90.4	94.0	94.3	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 1800	52.3	76.3	87.0	91.1	94.6	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 1500	52.6	77.0	87.7	91.9	95.7	96.0	96.7	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0
GE 1200	53.1	78.1	89.1	93.4	97.3	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1000	53.1	78.3	89.4	93.8	97.7	98.1	98.7	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
GE 900	53.1	78.5	89.6	94.1	98.1	98.4	99.0	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 800	53.1	78.5	89.6	94.2	98.2	98.5	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 700	53.1	78.5	89.6	94.2	98.2	98.5	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 600	53.1	78.5	89.6	94.2	98.2	98.5	99.1	99.2	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 500	53.1	78.5	89.7	94.4	98.4	98.7	99.4	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	53.1	78.5	89.7	94.4	98.4	98.7	99.4	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	53.1	78.5	89.7	94.4	98.4	98.7	99.4	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	53.1	78.5	89.7	94.4	98.4	98.7	99.4	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	53.1	78.5	89.7	94.4	98.4	98.7	99.4	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	53.1	78.5	89.7	94.4	98.4	98.7	99.4	99.5	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.6	43.4	49.4	51.7	54.3	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	37.5	55.6	63.4	66.6	69.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	37.7	55.8	63.7	66.8	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	37.7	55.8	63.7	66.8	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000	38.4	56.5	64.3	67.4	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000	40.0	58.3	66.1	69.2	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	41.9	61.3	69.7	73.8	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	42.2	61.7	70.1	74.2	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	45.5	66.2	75.6	79.8	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 7000	45.8	67.1	76.6	80.8	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 6000	45.9	67.2	76.7	80.9	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	46.6	68.3	77.8	82.2	85.2	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	46.6	68.3	77.8	82.3	85.3	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4000	46.7	68.7	78.4	83.2	86.6	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	46.9	69.4	79.1	84.0	87.5	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	49.4	73.2	83.4	88.8	92.4	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	49.8	74.3	84.5	90.3	94.0	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	50.4	75.3	85.9	91.7	95.7	95.9	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	50.5	75.4	86.0	91.8	95.8	96.0	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	51.1	76.2	86.9	92.7	96.7	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	51.6	77.1	87.7	93.8	97.7	98.0	98.4	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	51.6	77.3	88.0	94.0	98.0	98.2	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	51.6	77.3	88.0	94.0	98.0	98.2	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	51.6	77.4	88.1	94.2	98.2	98.4	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	51.6	77.4	88.1	94.2	98.2	98.4	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	51.6	77.4	88.1	94.2	98.2	98.4	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	51.6	77.4	88.2	94.4	98.5	98.7	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	51.6	77.4	88.2	94.4	98.5	98.7	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	51.6	77.4	88.2	94.4	98.5	98.7	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.6	77.4	88.2	94.4	98.5	98.7	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.6	77.4	88.2	94.4	98.5	98.7	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	51.6	77.4	88.2	94.4	98.5	98.7	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.1	40.9	45.3	48.2	50.4	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	40.4	54.2	60.2	64.1	66.8	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	40.4	54.3	60.3	64.2	66.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	40.4	54.3	60.3	64.2	66.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 14000	40.9	54.8	60.9	64.7	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	42.3	56.7	62.8	66.8	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	45.9	61.4	68.4	73.4	76.5	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	46.2	61.7	68.8	73.9	76.9	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	50.3	66.8	74.6	80.2	83.3	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	50.9	67.5	75.4	81.0	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000	51.0	67.6	75.5	81.1	84.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 5000	51.2	68.2	76.2	82.2	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	51.3	68.4	76.5	82.4	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	51.6	69.1	77.5	83.4	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	51.7	69.8	78.5	84.5	88.0	88.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	53.9	73.0	82.2	88.7	92.7	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	54.4	74.2	83.7	90.3	94.5	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	54.9	74.7	84.4	91.3	95.5	96.2	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	54.9	74.7	84.4	91.4	95.6	96.3	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	55.3	75.3	85.1	92.3	96.6	97.3	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	55.5	75.7	85.9	93.3	97.6	98.4	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	55.6	75.8	86.0	93.5	98.0	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	55.6	75.8	86.0	93.5	98.0	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	55.6	75.8	86.0	93.7	98.1	98.8	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	55.6	75.8	86.0	93.7	98.1	98.8	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	55.6	75.8	86.0	93.8	98.3	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	55.6	75.8	86.0	93.8	98.3	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	55.6	75.8	86.0	93.8	98.3	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	55.6	75.8	86.0	93.8	98.3	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	55.6	75.8	86.0	93.8	98.3	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	55.6	75.8	86.0	93.8	98.3	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	55.6	75.8	86.0	93.8	98.3	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.8	49.1	54.4	56.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	47.0	60.5	67.1	69.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	47.0	60.6	67.2	69.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000	47.0	60.6	67.2	69.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	47.5	61.2	67.7	70.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	47.7	61.5	68.2	70.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	51.2	66.7	74.8	77.6	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 9000	51.2	66.7	74.8	77.6	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 8000	54.7	71.0	79.6	82.5	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	55.3	71.6	80.3	83.4	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 6000	55.3	71.6	80.3	83.4	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	55.8	72.8	81.7	84.8	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	55.9	72.9	81.8	84.9	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	56.2	73.8	82.7	86.0	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	56.7	74.6	83.7	87.0	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	58.8	77.6	87.6	91.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	59.4	78.6	89.0	92.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	59.4	78.6	89.2	93.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	59.7	78.9	89.6	93.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	59.9	79.2	90.0	94.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	60.3	79.8	91.1	95.1	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	60.5	80.1	91.5	95.5	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	60.6	80.2	91.6	95.6	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	60.6	80.2	91.6	95.7	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	60.6	80.2	91.6	95.7	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	60.9	80.4	91.8	95.9	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	60.9	80.4	91.8	95.9	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	60.9	80.4	91.8	95.9	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	60.9	80.4	91.8	95.9	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	60.9	80.4	91.8	95.9	99.0	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	60.9	80.4	91.8	95.9	99.0	99.1	99.5	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	60.9	80.4	91.8	95.9	99.0	99.1	99.5	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.7	44.0	50.0	53.5	56.5	57.0	57.5	57.7	57.8	57.8	57.9	57.9	57.9	58.0	58.1	58.1
GE 20000	37.6	52.9	60.6	64.8	68.2	68.8	69.4	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.9	69.9
GE 18000	37.6	53.0	60.6	64.8	68.3	68.8	69.4	69.6	69.7	69.7	69.8	69.8	69.9	69.9	70.0	70.0
GE 16000	37.6	53.0	60.6	64.8	68.3	68.8	69.4	69.6	69.7	69.7	69.8	69.8	69.9	69.9	70.0	70.0
GE 14000	38.0	53.4	61.0	65.2	68.7	69.2	69.8	70.0	70.1	70.1	70.2	70.2	70.3	70.3	70.4	70.4
GE 12000	39.1	54.8	62.5	66.8	70.3	70.8	71.5	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.0
GE 10000	42.1	59.3	67.6	72.5	76.2	76.8	77.5	77.7	77.8	77.8	77.9	77.9	78.0	78.0	78.1	78.1
GE 9000	42.2	59.4	67.8	72.7	76.4	77.0	77.7	77.9	77.9	78.0	78.1	78.1	78.2	78.2	78.3	78.3
GE 8000	45.5	63.7	72.6	77.8	81.7	82.3	83.0	83.3	83.3	83.4	83.5	83.5	83.5	83.6	83.7	83.7
GE 7000	45.8	64.3	73.2	78.5	82.4	83.0	83.7	83.9	84.0	84.0	84.1	84.1	84.2	84.2	84.3	84.3
GE 6000	45.8	64.4	73.3	78.6	82.5	83.1	83.8	84.1	84.1	84.2	84.2	84.2	84.3	84.4	84.5	84.5
GE 5000	46.4	65.3	74.4	79.7	83.7	84.4	85.1	85.3	85.4	85.5	85.5	85.5	85.6	85.7	85.8	85.8
GE 4500	46.5	65.4	74.5	79.9	83.9	84.5	85.2	85.5	85.6	85.6	85.7	85.7	85.8	85.8	85.9	85.9
GE 4000	46.8	66.0	75.3	80.8	84.9	85.5	86.2	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.9	86.9
GE 3500	47.2	66.7	76.3	81.8	85.9	86.6	87.3	87.6	87.7	87.7	87.8	87.8	87.9	87.9	88.0	88.0
GE 3000	48.7	69.1	79.2	85.1	89.4	90.1	90.8	91.1	91.2	91.3	91.3	91.3	91.4	91.5	91.5	91.6
GE 2500	49.1	69.9	80.2	86.2	90.6	91.3	92.1	92.4	92.4	92.5	92.6	92.6	92.6	92.7	92.8	92.8
GE 2000	49.6	70.7	81.3	87.4	92.0	92.7	93.5	93.9	94.0	94.0	94.1	94.1	94.2	94.2	94.3	94.4
GE 1800	49.8	70.9	81.5	87.7	92.3	93.0	93.9	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.7	94.7
GE 1500	50.1	71.5	82.2	88.4	93.1	93.9	94.8	95.1	95.2	95.3	95.3	95.3	95.5	95.5	95.6	95.6
GE 1200	50.5	72.1	83.0	89.4	94.1	94.9	95.8	96.2	96.3	96.3	96.4	96.4	96.5	96.6	96.7	96.7
GE 1000	50.6	72.3	83.3	89.7	94.5	95.3	96.2	96.7	96.7	96.9	96.9	96.9	97.0	97.1	97.2	97.2
GE 900	50.7	72.5	83.4	89.9	94.7	95.5	96.4	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.4
GE 800	50.8	72.6	83.6	90.1	95.0	95.8	96.8	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.8	97.8
GE 700	50.8	72.7	83.7	90.3	95.2	96.0	97.1	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.1	98.1
GE 600	50.8	72.8	83.8	90.4	95.4	96.2	97.3	97.8	97.9	98.0	98.1	98.1	98.3	98.3	98.4	98.4
GE 500	50.8	72.8	83.9	90.6	95.7	96.6	97.7	98.2	98.3	98.4	98.5	98.5	98.7	98.7	98.8	98.8
GE 400	50.9	72.8	83.9	90.8	95.9	96.8	97.9	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 300	50.9	72.9	84.0	90.8	96.0	96.9	98.1	98.6	98.7	98.9	99.0	99.1	99.2	99.3	99.4	99.4
GE 200	50.9	72.9	84.0	90.9	96.1	97.0	98.2	98.8	98.9	99.1	99.3	99.3	99.5	99.5	99.7	99.7
GE 100	50.9	72.9	84.0	90.9	96.1	97.0	98.3	98.9	99.0	99.2	99.4	99.4	99.7	99.7	99.9	99.9
GE 000	50.9	72.9	84.0	90.9	96.1	97.0	98.3	98.9	99.0	99.2	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	55.2	58.7	61.1	62.3	62.3	62.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	50.4	59.7	63.4	66.6	67.9	67.9	68.0	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	50.4	59.7	63.4	66.6	67.9	67.9	68.0	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	50.4	59.7	63.4	66.6	67.9	67.9	68.0	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	50.7	59.9	63.7	66.8	68.1	68.1	68.2	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	51.3	60.6	64.3	67.4	68.8	68.8	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	54.6	64.9	69.3	72.4	73.8	73.8	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	54.8	65.1	70.0	73.1	74.4	74.4	74.6	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	58.7	69.7	74.9	78.7	80.1	80.1	80.2	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	58.9	69.9	75.1	78.9	80.3	80.3	80.4	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	59.4	70.4	75.7	79.4	80.9	80.9	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 5000	60.6	72.0	77.2	81.1	82.9	82.9	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	60.8	72.2	77.4	81.3	83.1	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	61.6	73.0	78.2	82.1	83.9	83.9	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	61.8	73.2	78.4	82.3	84.1	84.1	84.4	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	63.7	76.3	82.0	86.3	88.4	88.4	88.9	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	64.8	78.2	84.0	88.4	90.8	90.9	91.3	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	65.4	79.2	85.4	90.1	92.4	92.7	93.1	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	65.6	79.6	85.8	90.4	92.8	93.0	93.4	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	66.0	80.3	86.7	91.3	93.7	93.9	94.4	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	66.3	80.7	87.1	91.8	94.2	94.4	95.0	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	66.8	81.3	88.0	92.7	95.1	95.3	96.0	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	66.8	81.3	88.0	92.7	95.1	95.3	96.1	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	66.8	81.3	88.0	92.7	95.1	95.3	96.1	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	67.0	81.7	88.3	93.0	95.6	95.8	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	67.2	82.0	88.9	93.8	96.3	96.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	67.3	82.1	89.3	94.2	96.8	97.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	67.3	82.1	89.3	94.3	96.9	97.1	98.1	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1
GE 300	67.3	82.1	89.3	94.3	97.2	97.4	98.4	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	67.3	82.1	89.4	94.4	97.3	97.6	98.7	99.1	99.1	99.4	99.4	99.4	99.9	99.9	99.9	99.9
GE 100	67.3	82.1	89.4	94.4	97.3	97.6	98.7	99.1	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	67.3	82.1	89.4	94.4	97.3	97.6	98.7	99.1	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.3	49.3	56.1	59.1	61.8	61.9	62.4	63.0	63.0	63.1	63.1	63.1	63.8	63.8	63.9	64.0
GE 20000	42.3	51.9	59.3	62.9	65.8	65.9	66.4	67.0	67.0	67.2	67.2	67.2	67.9	67.9	68.0	68.1
GE 18000	42.3	51.9	59.3	62.9	65.8	65.9	66.4	67.0	67.0	67.2	67.2	67.2	67.9	67.9	68.0	68.1
GE 16000	42.3	51.9	59.3	62.9	65.8	65.9	66.4	67.0	67.0	67.2	67.2	67.2	67.9	67.9	68.0	68.1
GE 14000	42.4	52.0	59.4	63.0	65.9	66.0	66.6	67.1	67.1	67.3	67.3	67.3	68.0	68.0	68.1	68.2
GE 12000	43.4	53.0	60.7	64.4	67.3	67.4	68.0	68.6	68.6	68.8	68.8	68.8	69.4	69.4	69.6	69.7
GE 10000	45.7	56.4	64.4	68.3	71.3	71.4	72.0	72.6	72.6	72.8	72.8	72.8	73.4	73.4	73.6	73.7
GE 9000	45.8	56.7	64.8	68.8	71.8	71.9	72.4	73.0	73.0	73.2	73.2	73.2	73.9	73.9	74.0	74.1
GE 8000	48.9	60.3	68.9	73.6	76.9	77.2	77.8	78.3	78.3	78.6	78.6	78.6	79.2	79.2	79.3	79.4
GE 7000	49.1	60.6	69.1	73.8	77.1	77.4	78.0	78.6	78.6	78.8	78.8	78.8	79.4	79.4	79.6	79.7
GE 6000	49.6	61.0	69.7	74.3	77.7	78.0	78.6	79.1	79.1	79.3	79.3	79.3	80.0	80.0	80.1	80.2
GE 5000	50.2	62.0	70.7	75.3	78.8	79.1	79.7	80.2	80.2	80.4	80.4	80.4	81.1	81.1	81.2	81.3
GE 4500	50.7	62.4	71.1	75.8	79.2	79.6	80.1	80.7	80.7	80.9	80.9	80.9	81.6	81.6	81.7	81.8
GE 4000	51.7	63.8	72.4	77.1	80.6	80.9	81.4	82.0	82.0	82.2	82.2	82.2	82.9	82.9	83.0	83.1
GE 3500	52.3	64.6	73.4	78.1	81.6	81.9	82.4	83.0	83.0	83.2	83.2	83.2	83.9	83.9	84.0	84.1
GE 3000	53.7	66.4	75.6	80.6	84.3	84.8	85.6	86.1	86.1	86.3	86.3	86.3	87.0	87.0	87.1	87.2
GE 2500	54.4	67.7	76.8	81.9	85.7	86.1	86.9	87.4	87.4	87.7	87.7	87.7	88.3	88.3	88.4	88.6
GE 2000	55.0	68.8	78.1	83.3	87.2	87.7	88.4	89.0	89.0	89.2	89.2	89.2	89.9	89.9	90.0	90.1
GE 1800	55.3	69.1	78.4	83.7	87.7	88.1	88.9	89.4	89.4	89.7	89.7	89.7	90.3	90.3	90.4	90.6
GE 1500	56.3	70.6	79.9	85.1	89.2	89.7	90.6	91.1	91.1	91.3	91.3	91.3	92.0	92.0	92.1	92.2
GE 1200	56.9	71.4	80.8	86.0	90.1	90.6	91.4	92.0	92.0	92.2	92.2	92.2	92.9	92.9	93.0	93.1
GE 1000	57.2	72.1	81.4	86.7	90.8	91.2	92.1	92.7	92.7	92.9	92.9	92.9	93.7	93.7	93.8	93.9
GE 900	57.2	72.4	81.8	87.0	91.1	91.6	92.6	93.1	93.1	93.3	93.3	93.3	94.1	94.1	94.2	94.3
GE 800	57.4	72.7	82.0	87.2	91.3	91.8	92.8	93.3	93.3	93.6	93.6	93.6	94.3	94.3	94.4	94.6
GE 700	57.6	72.9	82.2	87.4	91.7	92.1	93.3	94.0	94.0	94.2	94.2	94.2	95.0	95.0	95.1	95.2
GE 600	57.7	73.2	82.8	88.2	92.6	93.0	94.6	95.2	95.2	95.4	95.4	95.4	96.2	96.2	96.3	96.4
GE 500	57.7	73.3	83.1	88.7	93.0	93.4	95.0	95.7	95.7	95.9	95.9	95.9	96.7	96.7	96.8	96.9
GE 400	57.9	73.6	83.6	89.1	93.6	94.0	95.6	96.2	96.2	96.4	96.4	96.4	97.2	97.2	97.3	97.4
GE 300	57.9	73.7	83.9	89.4	94.0	94.4	96.1	97.1	97.1	97.3	97.3	97.3	98.1	98.1	98.2	98.3
GE 200	57.9	73.7	84.0	89.6	94.1	94.8	96.4	97.8	97.8	98.2	98.2	98.2	99.2	99.2	99.3	99.4
GE 100	57.9	73.7	84.0	89.6	94.1	94.8	96.4	97.8	97.8	98.2	98.2	98.2	99.6	99.6	99.8	99.9
GE 000	57.9	73.7	84.0	89.6	94.1	94.8	96.4	97.8	97.8	98.2	98.2	98.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.2	36.3	44.7	50.1	54.7	55.6	57.7	58.3	58.3	58.8	59.0	59.0	59.7	59.7	60.0	60.0
GE 20000	24.7	38.6	47.7	54.3	59.8	60.9	63.1	63.8	63.8	64.3	64.7	64.7	65.3	65.3	65.7	65.7
GE 18000	24.7	38.6	47.7	54.3	59.8	60.9	63.1	63.8	63.8	64.3	64.7	64.7	65.3	65.3	65.7	65.7
GE 16000	24.7	38.6	47.7	54.3	59.8	60.9	63.1	63.8	63.8	64.3	64.7	64.7	65.3	65.3	65.7	65.7
GE 14000	24.7	38.6	47.7	54.3	59.8	60.9	63.1	63.8	63.8	64.3	64.7	64.7	65.3	65.3	65.7	65.7
GE 12000	25.6	39.6	48.7	55.3	60.8	61.9	64.1	64.8	64.8	65.3	65.7	65.7	66.3	66.3	66.7	66.7
GE 10000	27.8	43.1	52.7	59.9	65.8	67.1	69.4	70.2	70.2	70.8	71.1	71.1	71.8	71.8	72.1	72.1
GE 9000	27.9	43.2	52.8	60.0	65.9	67.2	69.6	70.3	70.3	70.9	71.2	71.2	71.9	71.9	72.2	72.2
GE 8000	32.1	48.8	59.1	67.0	73.1	74.7	77.3	78.2	78.2	78.8	79.1	79.1	79.8	79.8	80.1	80.1
GE 7000	32.2	49.1	59.6	67.4	73.6	75.1	77.9	78.8	78.8	79.3	79.7	79.7	80.3	80.3	80.7	80.7
GE 6000	32.4	49.3	59.8	67.7	73.8	75.3	78.1	79.0	79.0	79.6	79.9	79.9	80.6	80.6	80.9	80.9
GE 5000	32.9	50.2	61.1	69.0	75.6	77.1	79.9	80.8	80.8	81.3	81.7	81.7	82.3	82.3	82.7	82.7
GE 4500	33.0	50.3	61.2	69.1	75.7	77.2	80.0	80.9	80.9	81.4	81.8	81.8	82.4	82.4	82.8	82.8
GE 4000	33.8	51.4	62.4	70.3	77.0	78.6	81.3	82.2	82.2	82.8	83.1	83.1	83.8	83.8	84.1	84.1
GE 3500	34.0	52.0	63.1	71.1	77.9	79.4	82.2	83.1	83.1	83.7	84.0	84.0	84.7	84.7	85.0	85.0
GE 3000	34.4	52.7	63.9	72.0	79.0	80.6	83.7	84.7	84.7	85.2	85.6	85.6	86.2	86.2	86.6	86.6
GE 2500	34.7	53.0	64.3	72.4	79.7	81.2	84.3	85.3	85.3	85.9	86.2	86.2	86.9	86.9	87.2	87.2
GE 2000	35.7	54.3	65.8	74.1	81.4	83.0	86.4	87.4	87.4	88.0	88.3	88.3	89.0	89.0	89.4	89.4
GE 1800	35.7	54.3	65.8	74.1	81.6	83.1	86.6	87.6	87.6	88.1	88.4	88.4	89.1	89.1	89.6	89.6
GE 1500	36.1	55.1	66.7	75.1	83.2	84.8	88.2	89.2	89.2	89.8	90.1	90.1	90.8	90.8	91.2	91.2
GE 1200	36.4	55.7	67.2	75.8	84.1	85.7	89.3	90.3	90.3	90.9	91.2	91.2	91.9	91.9	92.3	92.3
GE 1000	36.7	56.1	67.8	76.3	84.8	86.3	90.0	91.0	91.0	91.6	91.9	91.9	92.6	92.6	93.0	93.0
GE 900	36.7	56.2	68.0	76.6	85.1	86.7	90.4	91.4	91.4	92.0	92.3	92.3	93.0	93.0	93.4	93.4
GE 800	37.0	56.9	68.8	77.6	86.1	87.9	91.7	92.8	92.8	93.3	93.7	93.7	94.3	94.3	94.8	94.8
GE 700	37.3	57.3	69.2	78.0	87.0	88.8	92.7	93.8	93.8	94.3	94.7	94.7	95.3	95.3	95.8	95.8
GE 600	37.3	57.6	69.9	78.7	87.9	89.8	93.9	95.0	95.0	95.6	95.9	95.9	96.6	96.6	97.0	97.0
GE 500	37.3	57.7	70.1	79.0	88.4	90.3	94.6	95.7	95.8	96.3	96.7	96.7	97.3	97.3	97.8	97.8
GE 400	37.3	57.7	70.1	79.1	88.7	90.6	94.9	96.0	96.1	96.7	97.0	97.0	97.7	97.7	98.1	98.1
GE 300	37.3	57.8	70.2	79.3	89.2	91.1	95.8	96.9	97.0	97.6	97.9	97.9	98.6	98.6	99.0	99.0
GE 200	37.3	57.8	70.2	79.3	89.3	91.4	96.1	97.3	97.4	98.2	98.7	98.7	99.3	99.3	99.9	99.9
GE 100	37.3	57.8	70.2	79.3	89.3	91.4	96.1	97.3	97.4	98.2	98.7	98.7	99.4	99.4	100.0	100.0
GE 000	37.3	57.8	70.2	79.3	89.3	91.4	96.1	97.3	97.4	98.2	98.7	98.7	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.3	52.7	57.3	58.6	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	42.4	58.3	63.7	65.2	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	42.4	58.3	63.7	65.2	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	42.4	58.3	63.7	65.2	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	42.4	58.6	63.9	65.4	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	42.8	58.9	64.2	65.8	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	45.2	61.9	68.0	69.9	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	45.8	62.4	68.6	70.4	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	51.7	69.4	76.6	78.7	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	52.1	70.2	77.3	79.4	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	52.4	70.6	77.7	79.8	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	53.4	72.0	79.3	81.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	53.4	72.0	79.3	81.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	54.0	72.9	80.6	82.8	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	54.3	73.7	82.0	84.4	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	55.6	75.1	83.7	86.1	87.4	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	55.7	75.4	84.1	86.8	88.2	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	55.9	76.0	84.9	87.6	89.0	89.2	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	55.9	76.0	84.9	87.6	89.0	89.2	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	56.2	76.4	85.3	88.3	90.1	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	56.9	77.7	86.7	89.9	92.0	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	57.6	78.6	87.6	90.8	92.9	93.2	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	57.6	78.9	88.1	91.4	93.8	94.2	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	57.7	79.4	89.1	92.4	95.0	95.7	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	57.9	79.9	89.6	93.0	96.0	96.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	58.1	80.2	89.9	93.6	96.6	97.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	58.1	80.4	90.2	94.0	97.2	97.9	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	58.1	80.4	90.3	94.2	97.6	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	58.1	80.4	90.3	94.2	97.6	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	58.1	80.4	90.3	94.2	97.6	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	58.1	80.4	90.3	94.2	97.6	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	58.1	80.4	90.3	94.2	97.6	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	54.1	56.8	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	48.7	60.4	64.3	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	48.7	60.4	64.3	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	48.7	60.4	64.3	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	48.7	60.6	64.7	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	48.9	61.1	65.2	66.6	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	52.4	65.3	69.8	71.3	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	52.7	65.6	70.0	71.6	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 8000	56.8	71.6	76.6	78.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	57.7	72.7	77.7	79.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	58.0	73.0	78.0	79.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	58.7	74.0	79.2	81.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	59.1	74.6	79.8	81.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	59.8	76.2	81.4	83.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	60.8	77.7	83.0	84.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	62.4	80.2	85.9	88.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	63.3	81.7	87.8	89.9	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	64.0	82.9	89.3	91.4	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1800	64.0	83.2	89.7	91.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 1500	64.2	83.8	90.3	93.0	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9
GE 1200	64.6	84.7	91.4	94.3	96.0	96.0	96.6	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 1000	64.6	84.8	91.6	94.4	96.3	96.3	96.9	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 900	64.8	85.0	91.8	94.7	96.6	96.6	97.2	97.3	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7
GE 800	65.0	85.3	92.3	95.2	97.2	97.2	98.2	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
GE 700	65.0	85.3	92.4	95.3	97.3	97.3	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 600	65.0	85.3	92.6	95.4	97.4	97.4	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 500	65.0	85.3	92.7	95.7	97.8	97.9	99.2	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	65.0	85.3	92.7	95.7	97.8	97.9	99.2	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	65.0	85.3	92.7	95.7	97.8	97.9	99.2	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	65.0	85.3	92.7	95.7	97.8	97.9	99.2	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	65.0	85.3	92.7	95.7	97.8	97.9	99.2	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	65.0	85.3	92.7	95.7	97.8	97.9	99.2	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	53.0	55.6	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	50.7	60.2	63.4	65.3	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	50.8	60.3	63.6	65.4	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	50.8	60.3	63.6	65.4	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	50.8	60.8	64.0	65.9	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	51.0	61.1	64.7	66.8	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	54.2	65.3	69.1	71.6	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	54.2	65.4	69.2	71.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	59.0	72.0	76.4	78.9	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 7000	59.3	72.8	77.2	79.7	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	60.9	74.3	79.0	81.4	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	61.9	75.7	80.3	82.8	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	62.0	75.8	80.4	82.9	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	63.2	77.3	82.2	84.8	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3500	64.2	78.8	83.8	86.3	87.3	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	65.6	80.6	85.7	88.8	90.0	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	65.8	81.8	87.1	90.3	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	66.2	83.0	88.3	91.6	93.0	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 1800	66.2	83.0	88.8	92.2	93.7	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 1500	66.7	83.7	89.7	93.2	94.8	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 1200	66.8	84.4	90.6	94.4	96.0	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1000	67.0	84.8	90.9	94.8	96.7	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 900	67.2	85.1	91.2	95.4	97.4	98.0	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 800	67.4	85.4	91.8	96.1	98.1	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 700	67.4	85.4	91.8	96.3	98.3	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	67.4	85.4	91.9	96.4	98.6	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	67.4	85.4	92.0	96.6	98.7	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	67.4	85.4	92.0	96.7	98.8	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	67.4	85.4	92.0	96.7	98.8	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	67.4	85.4	92.0	96.7	98.8	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	67.4	85.4	92.0	96.7	98.8	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	67.4	85.4	92.0	96.7	98.8	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.9	53.9	55.7	57.5	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	51.0	62.2	65.1	67.1	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	51.3	62.6	65.5	67.5	68.6	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	51.3	62.6	65.5	67.5	68.6	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 14000	51.4	62.9	65.9	67.9	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 12000	52.0	63.5	66.5	68.5	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	54.7	66.7	70.2	72.6	73.7	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	54.8	67.3	70.7	73.2	74.3	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	58.8	72.9	76.7	79.7	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	60.0	74.2	78.0	81.0	82.1	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000	61.0	75.2	79.0	82.0	83.1	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 5000	61.9	76.3	80.4	83.5	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	61.9	76.3	80.4	83.5	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	62.6	77.3	81.4	84.5	85.6	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	63.5	78.5	82.6	85.7	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	64.7	80.3	85.0	88.4	90.0	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	65.7	81.5	86.3	89.9	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	66.6	83.1	88.1	91.6	93.3	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	66.6	83.1	88.1	91.6	93.3	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	66.8	83.6	88.8	92.8	94.4	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	67.3	84.9	90.1	94.2	95.9	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	67.5	85.3	90.6	95.3	97.1	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	67.5	85.3	90.6	95.3	97.3	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	67.5	85.3	90.8	95.4	97.7	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	67.5	85.3	90.8	95.7	97.9	98.3	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	67.5	85.3	91.0	95.9	98.2	98.7	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	67.5	85.3	91.0	96.0	98.4	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	67.5	85.3	91.1	96.1	98.6	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.5	85.3	91.1	96.1	98.6	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.5	85.3	91.1	96.1	98.6	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.5	85.3	91.1	96.1	98.6	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.5	85.3	91.1	96.1	98.6	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	56.0	59.3	61.8	62.0	62.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	54.3	61.6	65.4	68.2	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	54.3	61.6	65.4	68.2	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	54.3	61.6	65.4	68.2	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	54.5	61.9	65.7	68.5	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	54.6	62.0	65.8	68.6	68.9	68.9	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10000	57.7	66.4	70.2	73.4	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	57.9	66.6	70.3	73.5	73.8	73.8	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 8000	62.4	72.5	76.3	79.8	80.2	80.2	80.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 7000	62.9	72.9	76.7	80.3	80.6	80.6	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	63.5	73.6	77.4	80.9	81.3	81.3	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	65.2	75.4	79.2	82.7	83.1	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	65.2	75.4	79.2	82.7	83.1	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	66.6	76.8	80.6	84.2	84.5	84.7	84.8	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	67.9	78.5	82.3	85.8	86.2	86.4	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	69.2	80.7	85.7	89.6	90.3	90.5	90.6	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	70.7	82.5	87.7	91.8	92.4	92.6	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	71.1	83.4	89.2	93.2	93.9	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	71.1	83.4	89.2	93.3	94.0	94.2	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	71.1	83.8	89.6	93.9	94.5	94.8	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	71.6	84.8	91.0	95.2	96.0	96.3	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	71.7	85.2	91.4	95.7	96.8	97.1	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	71.7	85.4	91.6	95.9	97.0	97.3	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	71.7	85.4	91.6	95.9	97.2	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	71.9	85.6	91.9	96.1	97.4	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	72.1	85.8	92.6	96.9	98.2	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	72.1	85.8	92.9	97.3	98.7	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	72.1	85.8	93.0	97.4	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	72.1	85.8	93.2	97.7	99.0	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	72.1	85.8	93.2	97.7	99.0	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	72.1	85.8	93.2	97.7	99.0	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	72.1	85.8	93.2	97.7	99.0	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	51.3	55.5	57.9	59.3	59.4	59.8	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.4
GE 20000	45.6	56.6	61.6	64.4	66.0	66.2	66.6	66.9	66.9	67.0	67.0	67.0	67.2	67.2	67.3	67.3
GE 18000	45.6	56.7	61.6	64.5	66.1	66.3	66.7	66.9	66.9	67.0	67.1	67.1	67.3	67.3	67.3	67.3
GE 16000	45.6	56.7	61.6	64.5	66.1	66.3	66.7	66.9	66.9	67.0	67.1	67.1	67.3	67.3	67.3	67.3
GE 14000	45.7	56.9	61.9	64.7	66.3	66.5	66.9	67.2	67.2	67.3	67.3	67.3	67.5	67.5	67.6	67.6
GE 12000	46.2	57.5	62.5	65.4	67.0	67.2	67.6	67.9	67.9	68.0	68.0	68.0	68.2	68.2	68.3	68.3
GE 10000	49.0	61.3	66.7	69.9	71.6	71.9	72.3	72.5	72.5	72.7	72.7	72.7	72.9	72.9	72.9	73.0
GE 9000	49.2	61.5	67.0	70.3	72.0	72.2	72.6	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.3	73.3
GE 8000	53.5	67.1	73.2	76.8	78.7	79.1	79.6	79.8	79.8	79.9	80.0	80.0	80.2	80.2	80.2	80.2
GE 7000	54.0	67.8	73.8	77.5	79.4	79.7	80.2	80.5	80.5	80.6	80.7	80.7	80.8	80.8	80.9	80.9
GE 6000	54.7	68.4	74.5	78.2	80.1	80.4	80.9	81.2	81.2	81.3	81.3	81.3	81.5	81.5	81.6	81.6
GE 5000	55.6	69.7	75.9	79.6	81.6	82.0	82.5	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.2	83.2
GE 4500	55.8	69.9	76.1	79.8	81.8	82.2	82.7	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.4	83.4
GE 4000	56.6	71.1	77.4	81.1	83.2	83.6	84.1	84.3	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.8
GE 3500	57.3	72.1	78.6	82.3	84.4	84.8	85.4	85.6	85.6	85.8	85.8	85.8	86.0	86.0	86.1	86.1
GE 3000	58.7	74.0	80.9	85.0	87.4	87.8	88.4	88.7	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1
GE 2500	59.4	75.2	82.3	86.4	88.9	89.3	90.0	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.7
GE 2000	60.0	76.3	83.6	87.9	90.4	90.8	91.6	91.9	91.9	92.0	92.1	92.1	92.2	92.2	92.3	92.3
GE 1800	60.0	76.5	83.8	88.1	90.6	91.1	91.8	92.1	92.1	92.3	92.3	92.3	92.5	92.5	92.6	92.6
GE 1500	60.4	77.2	84.6	89.1	91.8	92.3	93.1	93.4	93.4	93.5	93.6	93.6	93.8	93.8	93.8	93.9
GE 1200	60.8	78.0	85.6	90.2	93.0	93.5	94.4	94.7	94.7	94.9	94.9	94.9	95.1	95.1	95.2	95.2
GE 1000	61.1	78.5	86.2	90.8	93.8	94.3	95.2	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.1	96.1
GE 900	61.2	78.7	86.4	91.1	94.2	94.7	95.7	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.6	96.6
GE 800	61.3	79.0	86.8	91.6	94.7	95.3	96.3	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.3	97.3
GE 700	61.4	79.2	87.0	91.9	95.1	95.7	96.8	97.2	97.2	97.4	97.5	97.5	97.7	97.7	97.8	97.8
GE 600	61.5	79.4	87.4	92.4	95.7	96.3	97.5	97.9	97.9	98.1	98.2	98.2	98.4	98.4	98.5	98.5
GE 500	61.6	79.4	87.7	92.7	96.1	96.7	98.0	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0
GE 400	61.6	79.5	87.8	92.8	96.3	96.9	98.2	98.6	98.7	98.9	99.0	99.0	99.2	99.2	99.3	99.3
GE 300	61.6	79.5	87.8	92.9	96.5	97.1	98.5	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.6	99.6
GE 200	61.6	79.5	87.9	93.0	96.6	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.8	99.8	99.9	99.9
GE 100	61.6	79.5	87.9	93.0	96.6	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.9	99.9	100.0	100.0
GE 000	61.6	79.5	87.9	93.0	96.6	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7195



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	62.5	66.2	68.5	69.6	69.6	69.8	69.8	69.8	70.0	70.1	70.1	70.3	70.3	70.3	70.4
GE 20000	58.2	65.5	69.8	72.3	73.3	73.3	73.5	73.5	73.5	73.8	73.9	73.9	74.1	74.1	74.1	74.2
GE 18000	58.2	65.5	69.8	72.3	73.3	73.3	73.5	73.5	73.5	73.8	73.9	73.9	74.1	74.1	74.1	74.2
GE 16000	58.2	65.5	69.8	72.3	73.3	73.3	73.5	73.5	73.5	73.8	73.9	73.9	74.1	74.1	74.1	74.2
GE 14000	58.3	65.6	69.9	72.4	73.4	73.4	73.7	73.7	73.7	73.9	74.0	74.0	74.2	74.2	74.2	74.3
GE 12000	58.4	65.7	70.1	72.6	73.7	73.7	73.9	73.9	73.9	74.1	74.2	74.2	74.4	74.4	74.4	74.5
GE 10000	61.4	68.9	73.3	76.0	77.1	77.1	77.3	77.3	77.3	77.5	77.6	77.6	77.8	77.8	77.8	78.0
GE 9000	61.5	69.1	73.5	76.2	77.3	77.3	77.5	77.5	77.5	77.7	77.8	77.8	78.1	78.1	78.1	78.2
GE 8000	63.9	71.6	76.6	79.8	80.9	80.9	81.1	81.1	81.1	81.3	81.4	81.4	81.6	81.6	81.6	81.7
GE 7000	64.0	71.7	76.7	79.9	81.0	81.0	81.2	81.2	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.8
GE 6000	64.1	71.8	76.8	80.0	81.1	81.1	81.3	81.3	81.3	81.5	81.6	81.6	81.8	81.8	81.8	81.9
GE 5000	64.6	72.4	77.4	80.6	81.7	81.8	82.2	82.2	82.2	82.4	82.5	82.5	82.7	82.7	82.7	82.8
GE 4500	65.1	72.8	78.0	81.2	82.3	82.4	82.7	82.7	82.7	82.9	83.0	83.0	83.2	83.2	83.2	83.3
GE 4000	66.9	74.8	80.2	83.7	84.8	84.9	85.4	85.4	85.4	85.6	85.7	85.7	85.9	85.9	85.9	86.0
GE 3500	67.6	75.8	81.3	84.7	86.0	86.1	86.6	86.6	86.6	86.8	86.9	86.9	87.1	87.1	87.1	87.2
GE 3000	68.5	77.4	83.0	86.9	88.3	88.4	88.8	88.8	88.8	89.0	89.1	89.1	89.4	89.4	89.4	89.5
GE 2500	69.4	78.5	84.3	88.3	89.7	89.8	90.2	90.2	90.2	90.4	90.5	90.5	90.8	90.8	90.8	90.9
GE 2000	71.1	80.5	86.7	90.6	92.0	92.2	92.6	92.6	92.6	92.8	92.9	92.9	93.1	93.1	93.1	93.2
GE 1800	71.6	81.1	87.4	91.4	92.8	92.9	93.3	93.3	93.3	93.5	93.7	93.7	93.9	93.9	93.9	94.0
GE 1500	72.4	81.9	88.4	92.6	94.1	94.2	94.6	94.6	94.6	94.8	94.9	94.9	95.2	95.2	95.2	95.3
GE 1200	72.6	82.3	88.9	93.2	94.8	94.9	95.4	95.4	95.4	95.6	95.7	95.7	95.9	95.9	95.9	96.0
GE 1000	72.7	82.4	89.0	93.3	94.9	95.1	95.5	95.6	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.2
GE 900	72.7	82.5	89.1	93.4	95.1	95.2	95.6	95.7	95.7	95.9	96.0	96.0	96.2	96.2	96.2	96.3
GE 800	73.1	83.1	89.8	94.1	95.7	95.8	96.2	96.3	96.3	96.6	96.7	96.7	96.9	96.9	96.9	97.0
GE 700	73.1	83.1	89.8	94.2	95.8	95.9	96.3	96.5	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.1
GE 600	73.3	83.4	90.1	94.5	96.1	96.2	96.7	96.8	96.8	97.0	97.1	97.1	97.3	97.3	97.3	97.4
GE 500	73.5	83.9	90.6	95.1	96.7	96.8	97.2	97.3	97.3	97.5	97.6	97.6	97.8	97.8	97.8	98.0
GE 400	73.5	83.9	91.0	95.5	97.1	97.2	97.6	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.4
GE 300	73.5	83.9	91.0	95.6	97.3	97.4	97.8	98.0	98.0	98.4	98.5	98.5	98.8	98.8	98.8	98.9
GE 200	73.5	83.9	91.0	95.7	97.5	97.6	98.1	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.5
GE 100	73.5	83.9	91.0	95.7	97.5	97.6	98.1	98.3	98.3	98.9	99.0	99.0	99.5	99.5	99.7	99.8
GE 000	73.5	83.9	91.0	95.7	97.5	97.6	98.1	98.3	98.3	98.9	99.0	99.0	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	57.8	61.5	63.5	65.7	65.9	66.1	66.5	66.6	66.7	66.7	66.7	67.0	67.0	67.6	67.7
GE 20000	52.4	60.9	65.1	67.3	69.5	69.7	69.9	70.2	70.3	70.4	70.4	70.4	70.8	70.8	71.4	71.5
GE 18000	52.4	60.9	65.1	67.3	69.5	69.7	69.9	70.2	70.3	70.4	70.4	70.4	70.8	70.8	71.4	71.5
GE 16000	52.4	60.9	65.1	67.3	69.5	69.7	69.9	70.2	70.3	70.4	70.4	70.4	70.8	70.8	71.4	71.5
GE 14000	52.6	61.1	65.3	67.5	69.7	69.9	70.1	70.4	70.5	70.6	70.6	70.6	71.0	71.0	71.6	71.7
GE 12000	52.7	61.4	65.6	67.8	70.0	70.2	70.4	70.8	70.9	71.0	71.0	71.0	71.3	71.3	71.9	72.0
GE 10000	54.5	63.5	67.8	70.3	72.7	72.9	73.1	73.4	73.5	73.7	73.7	73.7	74.0	74.0	74.6	74.7
GE 9000	54.5	63.5	67.8	70.3	72.7	72.9	73.1	73.4	73.5	73.7	73.7	73.7	74.0	74.0	74.6	74.7
GE 8000	56.7	66.5	71.1	74.0	76.9	77.1	77.3	77.6	77.7	77.8	77.8	77.8	78.2	78.2	78.8	78.9
GE 7000	57.0	66.8	71.4	74.3	77.2	77.4	77.6	78.0	78.1	78.2	78.2	78.2	78.5	78.5	79.1	79.2
GE 6000	57.6	67.4	72.0	74.9	77.8	78.1	78.3	78.6	78.7	78.8	78.8	78.8	79.1	79.1	79.8	79.9
GE 5000	58.1	68.1	72.9	75.8	78.7	78.9	79.1	79.5	79.6	79.7	79.7	79.7	80.0	80.0	80.6	80.8
GE 4500	58.6	68.6	73.4	76.3	79.2	79.5	79.7	80.0	80.1	80.2	80.2	80.2	80.5	80.5	81.2	81.3
GE 4000	60.6	71.1	76.1	79.2	82.3	82.6	82.9	83.2	83.3	83.4	83.4	83.4	83.9	83.9	84.5	84.6
GE 3500	61.2	71.7	76.8	79.9	83.0	83.3	83.7	84.0	84.1	84.2	84.2	84.2	84.6	84.6	85.3	85.4
GE 3000	61.8	73.1	78.3	81.8	85.1	85.4	85.7	86.0	86.1	86.2	86.2	86.2	86.7	86.7	87.3	87.4
GE 2500	62.4	74.0	79.1	82.7	85.9	86.2	86.6	86.9	87.0	87.1	87.1	87.1	87.5	87.5	88.2	88.3
GE 2000	63.2	75.2	80.3	84.0	87.4	87.7	88.1	88.4	88.5	88.6	88.6	88.6	89.0	89.0	89.7	89.8
GE 1800	63.5	75.5	80.8	84.5	88.0	88.3	88.6	88.9	89.0	89.1	89.1	89.1	89.6	89.6	90.2	90.3
GE 1500	64.2	76.3	82.0	85.9	89.4	89.7	90.0	90.3	90.4	90.5	90.6	90.6	91.1	91.1	91.7	91.8
GE 1200	64.6	77.4	83.2	87.3	90.8	91.1	91.4	91.7	91.8	91.9	92.0	92.0	92.5	92.5	93.1	93.2
GE 1000	65.2	78.4	84.3	88.4	91.8	92.2	92.5	92.8	92.9	93.0	93.1	93.1	93.5	93.5	94.2	94.3
GE 900	65.4	78.6	84.6	88.7	92.2	92.5	92.8	93.1	93.2	93.3	93.4	93.4	93.9	93.9	94.5	94.6
GE 800	65.9	79.2	85.3	89.4	92.8	93.1	93.4	93.8	93.9	94.0	94.1	94.1	94.5	94.5	95.2	95.3
GE 700	65.9	79.5	85.5	89.6	93.0	93.3	93.8	94.1	94.2	94.3	94.4	94.4	94.8	94.8	95.5	95.6
GE 600	65.9	79.5	85.7	90.0	93.4	93.8	94.2	94.5	94.6	94.7	94.8	94.8	95.3	95.3	95.9	96.0
GE 500	65.9	79.7	85.9	90.4	94.0	94.4	94.8	95.2	95.3	95.4	95.5	95.5	95.9	95.9	96.6	96.7
GE 400	66.0	79.8	86.3	90.9	94.4	94.8	95.4	95.7	95.8	95.9	96.0	96.0	96.5	96.5	97.1	97.2
GE 300	66.0	79.9	86.5	91.0	94.5	94.9	95.6	95.9	96.0	96.1	96.2	96.2	96.8	96.8	97.4	97.5
GE 200	66.0	79.9	86.5	91.0	94.5	94.9	95.6	95.9	96.0	96.5	96.7	96.7	97.4	97.4	98.2	98.3
GE 100	66.0	79.9	86.5	91.0	94.5	94.9	95.6	95.9	96.1	96.6	96.8	96.8	97.8	97.8	99.1	99.6
GE 000	66.0	79.9	86.5	91.0	94.5	94.9	95.6	95.9	96.1	96.6	96.8	96.8	97.8	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.1	47.5	54.1	57.5	59.5	59.8	60.2	60.5	60.5	60.5	61.1	61.1	61.4	61.4	61.4	61.6
GE 20000	35.3	50.5	57.4	60.9	62.9	63.2	63.8	64.1	64.1	64.1	64.6	64.6	64.9	64.9	64.9	65.2
GE 18000	35.3	50.5	57.4	60.9	62.9	63.2	63.8	64.1	64.1	64.1	64.6	64.6	64.9	64.9	64.9	65.2
GE 16000	35.3	50.5	57.4	60.9	62.9	63.2	63.8	64.1	64.1	64.1	64.6	64.6	64.9	64.9	64.9	65.2
GE 14000	35.6	50.9	57.7	61.2	63.2	63.5	64.1	64.4	64.4	64.4	64.9	64.9	65.3	65.3	65.3	65.5
GE 12000	35.7	51.1	58.1	61.7	63.8	64.1	64.6	64.9	64.9	64.9	65.5	65.5	65.8	65.8	65.8	66.0
GE 10000	37.7	53.9	61.3	65.4	67.5	67.8	68.4	68.7	68.7	68.7	69.2	69.2	69.6	69.6	69.6	69.8
GE 9000	37.8	54.0	61.4	65.5	67.6	68.0	68.5	68.8	68.8	68.8	69.4	69.4	69.7	69.7	69.7	69.9
GE 8000	40.4	58.0	66.8	71.2	73.7	74.0	74.5	74.9	74.9	74.9	75.5	75.5	75.8	75.8	75.8	76.0
GE 7000	40.6	58.2	67.0	71.4	73.9	74.2	74.7	75.2	75.2	75.2	75.7	75.7	76.0	76.0	76.0	76.2
GE 6000	40.9	58.7	67.5	72.2	74.6	74.9	75.5	75.9	75.9	75.9	76.5	76.5	76.8	76.8	76.8	77.0
GE 5000	41.9	59.9	69.0	73.7	76.1	76.5	77.0	77.4	77.4	77.5	78.1	78.1	78.4	78.4	78.4	78.6
GE 4500	42.8	60.8	69.9	74.5	77.0	77.3	77.8	78.3	78.3	78.4	78.9	78.9	79.2	79.2	79.2	79.5
GE 4000	44.8	63.3	72.7	77.4	80.2	80.6	81.4	81.8	81.8	81.9	82.5	82.5	82.8	82.8	82.8	83.0
GE 3500	45.7	64.2	73.8	78.6	81.4	81.8	82.6	83.0	83.0	83.1	83.7	83.7	84.0	84.0	84.0	84.2
GE 3000	46.6	65.2	75.1	80.2	83.2	83.8	84.5	84.9	84.9	85.1	85.6	85.6	85.9	85.9	85.9	86.1
GE 2500	47.5	66.2	76.1	81.4	84.4	84.9	85.7	86.1	86.1	86.2	86.8	86.8	87.1	87.1	87.1	87.3
GE 2000	48.2	67.1	77.1	82.6	85.7	86.2	87.1	87.6	87.6	87.8	88.4	88.4	88.7	88.7	88.7	88.9
GE 1800	48.2	67.2	77.3	82.8	85.9	86.5	87.3	87.8	87.8	88.1	88.6	88.6	88.9	88.9	88.9	89.1
GE 1500	48.9	68.1	78.4	84.0	87.1	87.7	88.7	89.4	89.4	89.6	90.1	90.1	90.4	90.4	90.4	90.6
GE 1200	49.7	69.0	79.7	85.4	88.6	89.2	90.3	91.0	91.0	91.2	91.7	91.7	92.0	92.0	92.0	92.3
GE 1000	50.1	69.6	80.4	86.1	89.5	90.1	91.3	91.9	91.9	92.2	92.7	92.7	93.0	93.0	93.0	93.2
GE 900	50.4	69.9	80.9	86.6	90.0	90.6	91.8	92.5	92.5	92.7	93.2	93.2	93.5	93.5	93.5	93.8
GE 800	50.5	70.5	81.6	87.5	91.2	91.8	93.1	93.8	93.8	94.0	94.6	94.6	94.9	94.9	94.9	95.2
GE 700	50.6	70.8	81.9	87.8	91.6	92.3	93.5	94.2	94.2	94.4	95.1	95.1	95.4	95.4	95.4	95.6
GE 600	50.6	70.9	82.2	88.1	91.8	92.5	93.8	94.4	94.4	94.6	95.3	95.3	95.6	95.7	95.7	95.9
GE 500	51.1	71.5	83.1	89.1	93.0	94.0	95.3	95.9	95.9	96.1	96.8	96.8	97.1	97.2	97.2	97.4
GE 400	51.2	71.6	83.5	89.6	93.4	94.4	95.8	96.5	96.5	96.7	97.3	97.3	97.6	97.7	97.7	98.0
GE 300	51.2	71.6	83.5	89.7	93.5	94.6	96.1	96.8	96.8	97.0	97.6	97.6	98.1	98.2	98.3	98.5
GE 200	51.2	71.6	83.7	89.8	93.8	94.8	96.3	97.0	97.0	97.3	98.2	98.2	98.7	98.8	98.9	99.1
GE 100	51.2	71.6	83.7	89.8	93.8	94.8	96.3	97.0	97.0	97.3	98.2	98.2	98.8	98.9	99.8	100.0
GE 000	51.2	71.6	83.7	89.8	93.8	94.8	96.3	97.0	97.0	97.3	98.2	98.2	98.8	98.9	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.4	60.0	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	58.2	66.1	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	58.4	66.3	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	58.5	66.5	67.7	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	58.6	66.6	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	59.1	67.3	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	62.3	71.3	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	62.5	71.5	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	65.7	75.8	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6
GE 7000	66.5	76.6	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	66.7	77.0	79.2	79.6	79.8	79.9	79.9	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	67.2	77.7	80.0	80.5	81.0	81.1	81.1	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	68.0	78.5	80.8	81.3	81.7	81.8	81.8	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	69.8	81.0	83.4	84.1	84.5	84.7	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	70.3	81.8	84.3	85.3	85.8	86.0	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	71.3	83.1	85.8	87.0	87.7	88.0	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	71.8	83.9	86.7	88.0	88.7	88.9	88.9	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	72.6	84.9	88.0	89.2	90.0	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	72.9	85.3	88.3	89.6	90.3	90.5	90.5	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	73.7	86.1	89.4	90.6	91.6	92.0	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	74.9	87.6	91.0	92.5	93.4	93.9	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	75.4	88.2	91.6	93.2	94.6	95.1	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	75.4	88.4	92.0	93.7	95.1	95.5	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	75.7	89.0	92.7	94.6	96.2	96.7	97.0	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	75.7	89.1	93.1	95.3	97.0	97.4	97.7	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	75.7	89.1	93.2	95.4	97.1	97.5	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	75.7	89.4	93.7	95.8	97.7	98.2	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	75.7	89.4	93.8	95.9	98.0	98.4	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	75.7	89.4	93.8	96.0	98.2	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	75.7	89.4	93.8	96.0	98.2	98.6	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	75.7	89.4	93.8	96.0	98.2	98.6	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	75.7	89.4	93.8	96.0	98.2	98.6	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.2	61.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	65.1	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	65.2	70.0	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	65.3	70.1	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 14000	65.4	70.2	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	66.9	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 10000	69.7	75.6	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	69.7	75.6	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	73.2	79.8	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	74.2	80.9	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	74.6	81.3	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	74.9	81.8	82.9	83.3	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	75.2	82.0	83.2	83.7	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	76.6	84.3	85.5	85.9	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	77.2	85.1	86.2	86.8	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	78.6	86.6	87.7	88.5	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	79.4	87.5	89.0	89.8	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	81.2	90.4	92.3	93.0	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
GE 1800	81.6	90.9	92.7	93.4	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
GE 1500	81.9	91.4	93.5	94.4	94.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6
GE 1200	82.8	92.3	94.5	95.4	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
GE 1000	82.8	92.4	94.6	95.5	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
GE 900	83.0	92.9	95.2	96.0	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
GE 800	83.7	93.5	96.0	97.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
GE 700	83.7	93.5	96.0	97.2	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 600	83.7	93.5	96.0	97.2	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 500	83.7	93.5	96.0	97.2	98.5	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
GE 400	83.8	93.8	96.2	97.4	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	83.8	93.8	96.2	97.4	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	83.8	93.8	96.2	97.4	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	83.8	93.8	96.2	97.4	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	83.8	93.8	96.2	97.4	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.7	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	65.4	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	65.5	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 16000	65.5	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 14000	65.5	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	66.9	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 10000	68.9	74.8	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	68.9	74.8	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	73.1	80.1	80.5	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000	74.0	81.0	81.4	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	74.7	81.7	82.2	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	75.4	82.6	83.1	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	75.6	83.0	83.7	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	77.1	85.7	86.6	87.1	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	77.7	86.5	87.4	88.0	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	79.2	88.9	90.0	90.6	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	79.7	89.7	90.8	91.4	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	81.3	91.8	93.0	93.7	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1
GE 1800	81.6	92.2	93.3	94.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5
GE 1500	81.8	92.5	93.8	94.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 1200	82.4	93.0	94.3	95.3	96.2	96.2	96.6	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0
GE 1000	82.9	93.5	94.8	95.8	96.8	96.8	97.1	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 900	82.9	93.5	95.2	96.1	97.1	97.1	97.5	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3
GE 800	83.0	93.8	95.4	97.0	98.0	98.0	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 700	83.2	94.0	95.6	97.2	98.2	98.2	98.6	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	83.2	94.0	95.8	97.4	98.4	98.4	98.8	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 500	83.3	94.1	96.0	97.6	98.6	98.6	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	83.3	94.1	96.0	97.6	98.6	98.6	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	83.3	94.1	96.0	97.6	98.6	98.6	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	83.3	94.1	96.0	97.6	98.6	98.6	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	83.3	94.1	96.0	97.6	98.6	98.6	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	83.3	94.1	96.0	97.6	98.6	98.6	99.0	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	65.1	66.5	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 20000	64.8	70.5	72.2	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 18000	64.9	70.6	72.3	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 16000	64.9	70.6	72.3	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 14000	64.9	70.6	72.3	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	66.2	72.3	74.1	74.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 10000	68.3	75.1	77.1	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000	68.5	75.3	77.3	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000	72.4	80.4	82.8	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000	72.4	80.4	82.8	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 6000	73.0	81.2	83.5	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	73.7	81.9	84.5	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	74.0	82.3	85.2	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	75.3	84.4	87.8	88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	75.6	84.9	88.6	89.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	76.3	86.3	90.2	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	77.2	87.5	91.7	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	78.1	88.7	92.9	93.8	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	78.2	88.8	93.0	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	79.0	89.9	94.2	95.3	96.0	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	79.5	90.8	95.3	96.3	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	79.9	91.3	95.8	96.9	97.7	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	80.0	91.5	96.0	97.1	98.0	98.2	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	80.1	91.6	96.2	97.3	98.2	98.4	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	80.3	91.8	96.8	97.8	98.8	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	80.5	92.0	97.1	98.2	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	80.5	92.0	97.1	98.2	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	80.5	92.0	97.1	98.2	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.5	92.0	97.1	98.2	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.5	92.0	97.1	98.2	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.5	92.0	97.1	98.2	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.5	92.0	97.1	98.2	99.1	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	64.6	68.2	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
GE 20000	63.4	69.0	73.1	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 18000	63.4	69.0	73.1	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 16000	63.4	69.0	73.1	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 14000	63.5	69.1	73.2	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 12000	64.2	69.9	74.0	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 10000	67.5	73.8	77.8	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
GE 9000	67.7	74.0	78.1	79.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8
GE 8000	70.6	77.2	81.9	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 7000	70.9	77.4	82.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 6000	71.3	77.8	82.6	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
GE 5000	71.3	77.8	82.9	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 4500	71.8	78.4	83.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 4000	73.0	80.1	85.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 3500	74.3	81.4	87.0	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4
GE 3000	76.0	83.3	88.9	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
GE 2500	76.2	84.0	89.7	91.5	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
GE 2000	78.4	86.5	92.3	94.1	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1
GE 1800	78.5	86.7	92.5	94.3	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 1500	78.9	87.4	93.2	95.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
GE 1200	79.1	88.1	94.0	95.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 1000	79.2	88.2	94.1	96.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
GE 900	79.4	88.4	94.3	96.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 800	79.7	88.7	94.6	96.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 700	79.7	88.8	94.8	96.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 600	79.9	89.0	95.2	97.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 500	79.9	89.0	95.2	97.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 400	79.9	89.2	95.6	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 300	79.9	89.4	95.8	97.8	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 200	79.9	89.4	95.8	98.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 100	79.9	89.4	95.8	98.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
GE 000	79.9	89.4	95.8	98.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	60.2	62.7	63.9	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.3	65.4
GE 20000	57.8	65.4	68.3	69.5	70.4	70.4	70.6	70.6	70.6	70.7	70.8	70.8	70.9	70.9	71.0	71.0
GE 18000	57.9	65.4	68.3	69.6	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.9	70.9	71.0	71.1
GE 16000	57.9	65.5	68.3	69.6	70.5	70.5	70.6	70.7	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.1
GE 14000	58.1	65.6	68.5	69.7	70.6	70.6	70.8	70.8	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.2
GE 12000	58.8	66.5	69.4	70.8	71.6	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.1	72.1	72.2	72.3
GE 10000	61.3	69.6	72.7	74.1	75.0	75.1	75.2	75.3	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.7
GE 9000	61.4	69.7	72.8	74.2	75.1	75.2	75.3	75.4	75.4	75.5	75.6	75.6	75.7	75.7	75.8	75.8
GE 8000	64.5	73.7	77.3	79.0	80.0	80.1	80.2	80.3	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.7
GE 7000	64.9	74.1	77.7	79.4	80.5	80.5	80.6	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.1	81.2
GE 6000	65.4	74.6	78.3	80.0	81.0	81.1	81.2	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.7	81.7
GE 5000	65.9	75.3	79.1	80.9	82.0	82.1	82.3	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.8	82.8
GE 4500	66.4	75.8	79.7	81.5	82.6	82.8	82.9	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.4	83.4
GE 4000	68.0	78.1	82.3	84.2	85.4	85.5	85.7	85.9	85.9	85.9	86.0	86.0	86.2	86.2	86.2	86.3
GE 3500	68.7	78.9	83.2	85.2	86.4	86.5	86.8	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.3
GE 3000	69.8	80.5	84.9	87.1	88.5	88.6	88.8	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.3	89.4
GE 2500	70.4	81.4	85.9	88.2	89.6	89.7	90.0	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.5	90.5
GE 2000	71.7	83.1	87.8	90.1	91.6	91.7	92.0	92.1	92.1	92.2	92.3	92.3	92.5	92.5	92.5	92.6
GE 1800	72.0	83.4	88.2	90.5	92.0	92.2	92.4	92.5	92.5	92.6	92.7	92.7	92.9	92.9	93.0	93.0
GE 1500	72.6	84.2	89.1	91.6	93.1	93.4	93.7	93.8	93.8	93.9	94.0	94.0	94.2	94.2	94.3	94.3
GE 1200	73.2	85.1	90.1	92.7	94.3	94.5	94.9	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.5	95.5
GE 1000	73.5	85.5	90.6	93.2	94.9	95.1	95.5	95.7	95.7	95.8	95.9	95.9	96.1	96.1	96.2	96.2
GE 900	73.6	85.7	90.9	93.5	95.2	95.5	95.8	96.1	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.6
GE 800	74.0	86.2	91.5	94.2	96.0	96.3	96.7	96.9	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.5
GE 700	74.0	86.3	91.7	94.5	96.3	96.6	97.0	97.3	97.3	97.4	97.6	97.6	97.7	97.7	97.8	97.9
GE 600	74.1	86.4	91.9	94.7	96.6	96.9	97.3	97.6	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.2
GE 500	74.2	86.6	92.2	95.1	97.0	97.3	97.8	98.1	98.1	98.2	98.3	98.3	98.5	98.5	98.6	98.7
GE 400	74.2	86.7	92.4	95.3	97.3	97.6	98.1	98.4	98.4	98.6	98.7	98.7	98.8	98.9	98.9	99.0
GE 300	74.2	86.7	92.5	95.4	97.4	97.7	98.3	98.6	98.6	98.8	98.9	98.9	99.1	99.1	99.2	99.3
GE 200	74.2	86.7	92.5	95.5	97.4	97.8	98.4	98.7	98.7	99.0	99.1	99.1	99.4	99.4	99.5	99.6
GE 100	74.2	86.7	92.5	95.5	97.4	97.8	98.4	98.7	98.8	99.0	99.1	99.1	99.5	99.5	99.8	99.9
GE 000	74.2	86.7	92.5	95.5	97.4	97.8	98.4	98.7	98.8	99.0	99.1	99.1	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	58.3	60.3	62.7	63.9	64.2	64.4	65.0	65.0	65.0	65.2	65.2	65.7	65.8	66.3	66.7
GE 20000	55.1	60.3	62.3	64.8	66.2	66.6	66.8	67.4	67.4	67.4	67.7	67.7	68.1	68.2	68.8	69.1
GE 18000	55.3	60.6	62.6	65.0	66.4	66.8	67.0	67.7	67.7	67.7	67.9	67.9	68.3	68.4	69.0	69.3
GE 16000	55.3	60.6	62.6	65.0	66.4	66.8	67.0	67.7	67.7	67.7	67.9	67.9	68.3	68.4	69.0	69.3
GE 14000	55.3	60.6	62.6	65.0	66.4	66.8	67.0	67.7	67.7	67.7	67.9	67.9	68.3	68.4	69.0	69.3
GE 12000	55.4	60.7	62.7	65.1	66.6	66.9	67.1	67.8	67.8	67.8	68.0	68.0	68.4	68.6	69.1	69.4
GE 10000	57.9	63.7	65.9	68.4	69.9	70.2	70.4	71.1	71.1	71.1	71.3	71.3	71.8	71.9	72.4	72.8
GE 9000	57.9	63.7	65.9	68.4	69.9	70.2	70.4	71.1	71.1	71.1	71.3	71.3	71.8	71.9	72.4	72.8
GE 8000	60.7	67.0	69.7	72.3	73.9	74.4	74.7	75.3	75.3	75.3	75.6	75.6	76.0	76.1	76.7	77.0
GE 7000	61.1	67.4	70.1	72.8	74.3	75.0	75.2	75.9	75.9	75.9	76.1	76.1	76.6	76.7	77.2	77.6
GE 6000	61.8	68.1	70.8	73.4	75.0	75.7	75.9	76.6	76.6	76.6	76.8	76.8	77.2	77.3	77.9	78.2
GE 5000	62.7	69.3	72.3	75.0	76.6	77.2	77.4	78.1	78.1	78.1	78.3	78.3	78.8	78.9	79.4	79.8
GE 4500	62.8	69.4	72.4	75.1	76.7	77.3	77.6	78.2	78.2	78.2	78.4	78.4	78.9	79.0	79.6	79.9
GE 4000	64.6	71.6	74.9	77.7	79.2	79.9	80.1	80.8	80.8	80.8	81.0	81.0	81.4	81.6	82.1	82.4
GE 3500	65.8	73.0	76.7	79.6	81.2	81.9	82.1	82.8	82.8	82.8	83.0	83.0	83.4	83.6	84.1	84.4
GE 3000	67.2	74.4	78.1	81.0	82.8	83.4	83.7	84.3	84.3	84.3	84.6	84.6	85.0	85.1	85.7	86.0
GE 2500	67.9	75.1	78.9	81.8	83.6	84.2	84.4	85.1	85.1	85.1	85.3	85.3	85.8	85.9	86.4	86.8
GE 2000	68.7	76.0	79.8	82.8	84.6	85.2	85.4	86.1	86.1	86.1	86.3	86.3	86.8	86.9	87.4	87.8
GE 1800	68.9	76.3	80.2	83.3	85.2	85.9	86.1	86.8	86.8	86.8	87.0	87.0	87.4	87.6	88.1	88.4
GE 1500	69.8	77.4	81.4	84.6	86.6	87.2	87.4	88.1	88.1	88.1	88.3	88.3	88.8	88.9	89.4	89.8
GE 1200	70.2	77.9	81.9	85.1	87.2	87.9	88.1	88.8	88.8	88.8	89.0	89.0	89.4	89.6	90.1	90.4
GE 1000	71.1	79.1	83.3	86.7	88.9	89.6	89.8	90.4	90.4	90.4	90.7	90.7	91.1	91.2	91.8	92.1
GE 900	71.9	80.0	84.2	87.6	89.8	90.4	90.7	91.3	91.3	91.3	91.6	91.6	92.0	92.1	92.7	93.0
GE 800	72.0	80.2	84.6	87.9	90.1	90.8	91.0	91.7	91.7	91.7	91.9	91.9	92.3	92.4	93.0	93.3
GE 700	72.1	80.3	84.7	88.2	90.6	91.2	91.4	92.1	92.1	92.1	92.3	92.3	92.8	92.9	93.4	93.8
GE 600	72.1	80.4	84.8	88.3	90.9	91.6	91.8	92.4	92.4	92.4	92.7	92.7	93.1	93.2	93.8	94.1
GE 500	72.4	80.9	85.4	89.0	91.6	92.2	92.6	93.2	93.2	93.3	93.6	93.6	94.0	94.1	94.7	95.0
GE 400	72.7	81.2	86.0	89.6	92.2	93.0	93.3	94.0	94.0	94.1	94.3	94.3	94.8	94.9	95.4	95.8
GE 300	72.7	81.6	86.3	89.9	93.0	93.8	94.1	94.9	94.9	95.2	95.4	95.4	95.9	96.0	96.7	97.4
GE 200	72.7	81.6	86.3	89.9	93.2	94.0	94.3	95.2	95.2	95.7	95.9	95.9	96.3	96.6	97.4	98.4
GE 100	72.7	81.6	86.3	89.9	93.2	94.0	94.3	95.3	95.3	95.9	96.1	96.1	96.7	96.9	98.0	99.3
GE 000	72.7	81.6	86.3	89.9	93.2	94.0	94.3	95.3	95.3	95.9	96.1	96.1	97.0	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.4	56.2	59.0	61.2	61.8	62.1	62.1	62.2	62.6	62.8	62.8	62.8	63.7	63.7	64.0	64.8
GE 20000	52.0	58.4	61.7	64.3	65.1	65.4	65.4	65.6	65.9	66.1	66.1	66.1	67.0	67.0	67.3	68.1
GE 18000	52.1	58.6	61.8	64.4	65.2	65.6	65.6	65.7	66.0	66.2	66.2	66.2	67.1	67.1	67.4	68.2
GE 16000	52.1	58.6	61.8	64.4	65.2	65.6	65.6	65.7	66.0	66.2	66.2	66.2	67.1	67.1	67.4	68.2
GE 14000	52.1	58.6	61.8	64.4	65.2	65.6	65.6	65.7	66.0	66.2	66.2	66.2	67.1	67.1	67.4	68.2
GE 12000	52.3	58.9	62.1	64.8	65.6	65.9	65.9	66.0	66.3	66.6	66.6	66.6	67.4	67.4	67.8	68.6
GE 10000	54.9	61.9	65.1	67.8	68.7	69.0	69.1	69.2	69.6	69.8	69.8	69.8	70.7	70.7	71.0	71.8
GE 9000	55.0	62.0	65.2	67.9	68.8	69.1	69.2	69.3	69.7	69.9	69.9	69.9	70.8	70.8	71.1	71.9
GE 8000	58.1	65.4	68.9	72.2	73.2	73.9	74.0	74.1	74.4	74.7	74.7	74.7	75.6	75.6	75.9	76.7
GE 7000	58.6	65.9	69.3	72.7	73.7	74.3	74.4	74.6	74.9	75.1	75.1	75.1	76.0	76.0	76.3	77.1
GE 6000	59.0	66.3	69.8	73.1	74.1	74.8	74.9	75.0	75.3	75.6	75.6	75.6	76.4	76.4	76.8	77.6
GE 5000	59.2	66.8	70.3	73.8	74.8	75.4	75.6	75.7	76.0	76.2	76.2	76.2	77.1	77.1	77.4	78.2
GE 4500	59.3	66.9	70.4	73.9	74.9	75.6	75.7	75.8	76.1	76.3	76.3	76.3	77.2	77.2	77.6	78.3
GE 4000	60.9	68.9	72.6	76.0	77.0	77.7	77.8	77.9	78.2	78.4	78.4	78.4	79.4	79.4	79.8	80.6
GE 3500	62.0	70.3	74.1	77.7	78.8	79.4	79.6	79.7	80.0	80.2	80.2	80.2	81.2	81.2	81.6	82.3
GE 3000	63.0	71.8	75.9	79.6	81.0	81.7	81.9	82.0	82.3	82.7	82.7	82.7	83.7	83.7	84.0	84.8
GE 2500	63.3	72.1	76.3	80.3	81.8	82.4	82.7	82.8	83.1	83.4	83.4	83.4	84.4	84.4	84.8	85.6
GE 2000	64.0	72.9	77.1	81.2	82.9	83.6	83.8	83.9	84.2	84.6	84.6	84.6	85.6	85.6	85.9	86.8
GE 1800	64.3	73.2	77.4	81.8	83.4	84.1	84.3	84.4	84.8	85.1	85.1	85.1	86.1	86.1	86.4	87.3
GE 1500	65.1	74.2	78.6	82.9	84.6	85.2	85.4	85.6	85.9	86.2	86.2	86.2	87.2	87.2	87.6	88.4
GE 1200	65.7	75.2	79.7	84.1	85.8	86.4	86.7	86.8	87.1	87.4	87.4	87.4	88.4	88.4	88.8	89.7
GE 1000	65.9	75.6	80.3	85.1	87.0	87.7	87.9	88.0	88.3	88.7	88.7	88.7	89.7	89.7	90.0	90.9
GE 900	66.3	76.0	80.9	85.7	87.6	88.2	88.4	88.6	88.9	89.2	89.2	89.2	90.2	90.2	90.6	91.4
GE 800	66.4	76.3	81.6	86.3	88.2	88.9	89.1	89.2	89.6	89.9	89.9	89.9	90.9	90.9	91.2	92.1
GE 700	66.7	76.6	81.9	86.8	88.8	89.6	89.8	89.9	90.2	90.6	90.6	90.6	91.6	91.6	91.9	92.8
GE 600	66.8	76.9	82.2	87.6	89.7	90.4	90.7	90.8	91.1	91.4	91.4	91.4	92.4	92.4	92.8	93.7
GE 500	67.1	77.4	82.9	88.4	90.8	91.6	91.8	92.0	92.3	92.7	92.7	92.7	93.7	93.7	94.0	94.9
GE 400	67.2	77.6	83.3	89.0	91.3	92.2	92.6	92.8	93.1	93.4	93.4	93.4	94.7	94.7	95.0	95.9
GE 300	67.2	77.6	83.3	89.0	91.4	92.3	93.0	93.3	93.9	94.3	94.3	94.3	95.6	95.6	95.9	96.9
GE 200	67.2	77.6	83.3	89.1	91.8	92.7	93.4	93.8	94.3	94.9	95.1	95.1	96.4	96.4	96.9	98.4
GE 100	67.2	77.6	83.3	89.1	91.8	92.7	93.4	93.9	94.4	95.0	95.2	95.2	96.6	96.6	97.2	99.1
GE 000	67.2	77.6	83.3	89.1	91.8	92.7	93.4	93.9	94.4	95.0	95.2	95.2	96.6	96.9	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.1	47.8	52.2	54.4	55.8	56.2	57.1	57.3	57.4	57.7	57.9	57.9	58.1	58.2	58.3	58.3
GE 20000	40.8	51.8	56.6	59.0	60.6	61.0	61.9	62.1	62.2	62.4	62.7	62.7	63.0	63.1	63.3	63.3
GE 18000	40.8	51.8	56.6	59.0	60.6	61.0	61.9	62.1	62.2	62.4	62.7	62.7	63.0	63.1	63.3	63.3
GE 16000	40.8	51.8	56.6	59.0	60.6	61.0	61.9	62.1	62.2	62.4	62.7	62.7	63.0	63.1	63.3	63.3
GE 14000	40.8	51.8	56.7	59.1	60.7	61.1	62.0	62.2	62.3	62.6	62.8	62.8	63.1	63.2	63.4	63.4
GE 12000	41.2	52.3	57.2	59.8	61.3	61.8	62.7	62.9	63.0	63.2	63.4	63.4	63.8	63.9	64.1	64.1
GE 10000	43.1	54.9	60.2	63.1	64.8	65.2	66.1	66.3	66.4	66.7	66.9	66.9	67.2	67.3	67.6	67.6
GE 9000	43.6	55.3	60.7	63.6	65.2	65.7	66.6	66.8	66.9	67.1	67.3	67.3	67.7	67.8	68.0	68.0
GE 8000	47.1	59.9	65.9	69.4	71.8	72.4	73.4	73.7	73.8	74.0	74.2	74.2	74.6	74.7	74.9	74.9
GE 7000	47.4	60.3	66.3	69.9	72.2	72.9	74.0	74.2	74.3	74.6	74.8	74.8	75.1	75.2	75.4	75.4
GE 6000	47.8	60.9	67.0	70.6	72.9	73.6	74.7	74.9	75.0	75.2	75.4	75.4	75.8	75.9	76.1	76.1
GE 5000	48.2	61.7	68.1	71.8	74.3	75.1	76.2	76.4	76.6	76.8	77.0	77.0	77.3	77.4	77.7	77.7
GE 4500	48.8	62.2	68.8	72.4	75.1	75.9	77.1	77.3	77.4	77.7	78.0	78.0	78.3	78.4	78.7	78.7
GE 4000	50.4	64.1	70.9	74.7	77.3	78.2	79.4	79.7	79.8	80.0	80.4	80.4	80.8	80.9	81.1	81.1
GE 3500	51.0	65.1	71.9	75.7	78.3	79.2	80.4	80.7	80.8	81.0	81.4	81.4	81.8	81.9	82.1	82.1
GE 3000	52.4	66.8	73.7	77.8	80.8	81.7	82.9	83.2	83.3	83.6	84.0	84.0	84.3	84.4	84.7	84.7
GE 2500	52.7	67.0	74.1	78.3	81.3	82.2	83.4	83.8	83.9	84.1	84.6	84.6	84.9	85.0	85.2	85.2
GE 2000	53.3	68.2	75.7	79.9	83.0	83.9	85.1	85.4	85.6	85.9	86.3	86.3	86.7	86.8	87.0	87.0
GE 1800	53.4	68.4	75.9	80.1	83.2	84.1	85.3	85.8	85.9	86.2	86.7	86.7	87.0	87.1	87.3	87.3
GE 1500	53.8	69.0	76.4	80.7	83.8	84.7	85.9	86.3	86.4	86.8	87.2	87.2	87.6	87.7	87.9	87.9
GE 1200	54.4	70.1	77.9	82.2	85.3	86.2	87.4	87.9	88.0	88.3	88.8	88.8	89.1	89.2	89.4	89.4
GE 1000	54.6	70.9	78.7	83.0	86.1	87.0	88.2	88.7	88.8	89.1	89.6	89.6	89.9	90.0	90.2	90.2
GE 900	54.7	71.1	79.1	83.4	86.7	87.6	88.8	89.2	89.3	89.7	90.1	90.1	90.4	90.6	90.8	90.8
GE 800	55.3	72.0	80.1	84.6	87.9	88.8	90.0	90.4	90.6	90.9	91.3	91.3	91.7	91.8	92.0	92.0
GE 700	55.3	72.0	80.1	84.7	88.1	89.0	90.2	90.7	90.8	91.1	91.6	91.6	91.9	92.0	92.2	92.2
GE 600	55.4	72.6	80.8	85.4	89.0	89.9	91.1	91.6	91.7	92.0	92.4	92.4	92.8	92.9	93.1	93.1
GE 500	55.7	72.8	81.3	86.4	90.3	91.2	92.7	93.1	93.2	93.6	94.0	94.0	94.3	94.4	94.7	94.7
GE 400	55.8	73.1	81.9	87.0	91.1	92.0	93.6	94.0	94.1	94.4	94.9	94.9	95.2	95.3	95.6	95.6
GE 300	55.8	73.1	81.9	87.0	91.1	92.2	94.0	94.7	95.0	95.3	95.9	95.9	96.2	96.4	96.8	96.9
GE 200	55.8	73.1	81.9	87.0	91.1	92.2	94.1	95.1	95.6	96.2	97.1	97.1	97.7	97.9	98.6	99.0
GE 100	55.8	73.1	81.9	87.0	91.1	92.2	94.1	95.1	95.6	96.2	97.3	97.3	98.0	98.2	98.9	99.7
GE 000	55.8	73.1	81.9	87.0	91.1	92.2	94.1	95.1	95.6	96.2	97.3	97.3	98.0	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	53.9	55.4	56.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	55.3	60.8	62.4	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	55.3	60.8	62.4	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	55.3	60.8	62.4	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	55.4	60.9	62.6	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	55.9	61.7	63.3	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	58.2	64.6	66.3	67.0	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	58.4	64.8	66.6	67.2	67.8	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	61.2	68.6	71.1	72.8	73.4	73.4	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 7000	61.6	69.0	71.9	73.6	74.2	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	62.3	70.0	72.9	74.6	75.2	75.2	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	64.2	72.6	75.4	77.2	77.9	77.9	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	64.7	73.1	76.1	77.9	78.6	78.6	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	66.2	74.9	77.9	79.7	80.3	80.3	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3500	67.2	75.9	79.0	80.8	81.4	81.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	69.1	78.4	81.6	83.3	84.0	84.0	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	70.0	79.4	82.7	84.4	85.1	85.1	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	70.4	80.1	83.4	85.2	86.0	86.0	86.4	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	70.4	80.1	83.4	85.2	86.0	86.0	86.4	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	71.1	80.9	84.8	86.9	87.9	88.0	88.4	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	71.9	82.0	86.1	88.3	89.6	89.7	90.2	90.7	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	72.2	82.4	86.9	89.1	90.3	90.6	91.1	91.7	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	72.2	82.6	87.0	89.3	90.7	90.9	91.4	92.0	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	72.4	82.8	87.6	89.9	91.2	91.4	92.0	92.6	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	72.6	83.1	88.1	90.7	92.1	92.6	93.1	93.8	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	73.0	83.7	89.0	91.6	93.1	93.6	94.4	95.3	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	73.0	83.9	89.3	92.4	94.2	94.9	95.9	96.8	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	73.0	84.0	89.6	92.7	94.7	95.4	96.7	97.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	73.0	84.0	89.6	92.7	94.7	95.4	96.9	97.9	98.0	99.0	99.1	99.1	99.1	99.1	99.3	99.4
GE 200	73.0	84.0	89.6	92.7	94.7	95.4	96.9	98.2	98.3	99.4	99.6	99.6	99.6	99.6	99.8	99.9
GE 100	73.0	84.0	89.6	92.7	94.7	95.4	96.9	98.2	98.3	99.4	99.6	99.6	99.7	99.7	99.9	100.0
GE 000	73.0	84.0	89.6	92.7	94.7	95.4	96.9	98.2	98.3	99.4	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	56.9	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	63.3	65.9	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	63.3	65.9	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 16000	63.3	65.9	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	63.6	66.1	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	64.7	67.2	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	69.4	72.2	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	69.6	72.3	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	73.2	77.3	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	73.8	78.1	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	75.1	79.8	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 5000	77.1	81.8	83.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	77.1	81.8	83.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	78.4	83.1	84.3	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	78.9	83.6	84.8	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	81.7	86.6	87.8	88.2	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	82.2	87.6	88.9	89.4	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2000	83.0	88.9	90.4	91.0	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	83.1	89.0	90.6	91.1	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	83.9	89.8	91.3	92.0	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.7
GE 1200	84.2	90.3	92.1	92.8	93.8	93.9	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	84.2	90.4	92.8	93.6	94.6	94.7	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	84.2	90.6	92.9	93.9	95.0	95.2	95.8	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	84.3	90.7	93.0	94.0	95.1	95.6	96.3	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	84.4	90.9	93.4	94.4	95.8	96.2	97.1	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	84.7	91.1	93.8	94.8	96.1	96.7	97.6	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	84.7	91.2	94.2	95.2	96.7	97.2	98.2	98.7	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	84.7	91.2	94.2	95.2	96.7	97.2	98.3	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	84.7	91.2	94.2	95.2	96.7	97.2	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.7	91.2	94.2	95.2	96.7	97.2	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.7	91.2	94.2	95.2	96.7	97.2	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.7	91.2	94.2	95.2	96.7	97.2	98.3	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	63.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	63.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	63.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	63.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	65.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 10000	69.6	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	69.8	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	74.1	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 7000	74.9	78.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	75.8	79.3	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	77.2	81.3	82.6	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	77.3	81.4	82.7	83.1	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000	78.6	82.9	84.2	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	79.1	83.6	85.0	85.7	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	81.0	86.4	88.0	88.8	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	81.6	87.4	89.3	90.3	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	82.4	88.6	90.6	91.7	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	82.6	88.8	90.9	92.0	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	82.9	89.1	91.4	92.6	93.4	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	82.9	89.3	91.7	92.8	94.0	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	83.1	89.8	92.1	93.3	94.6	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	83.1	89.8	92.2	93.4	94.8	95.0	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	83.1	89.8	92.2	93.8	95.1	95.3	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	83.2	89.9	92.3	93.9	95.2	95.4	96.3	96.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	83.7	90.6	93.0	94.6	96.2	96.6	97.7	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	83.9	91.1	93.6	95.1	96.9	97.3	98.6	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	83.9	91.1	93.6	95.1	96.9	97.4	98.9	99.0	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	83.9	91.1	93.6	95.1	97.0	97.6	99.0	99.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.9	91.1	93.6	95.1	97.0	97.6	99.0	99.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.9	91.1	93.6	95.1	97.0	97.6	99.0	99.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.9	91.1	93.6	95.1	97.0	97.6	99.0	99.1	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.6	61.1	62.6	63.2	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 20000	61.8	67.0	68.7	69.3	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 18000	61.8	67.0	68.7	69.3	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 16000	61.8	67.0	68.7	69.3	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	62.0	67.2	68.9	69.6	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	62.8	68.0	69.7	70.4	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	66.7	72.0	73.7	74.4	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000	66.9	72.2	73.9	74.7	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	68.7	74.7	76.8	77.7	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	70.0	76.0	78.1	79.0	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	70.8	76.8	78.9	79.8	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	72.3	79.3	81.6	82.9	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4500	72.7	79.7	81.9	83.2	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	73.8	81.2	83.4	84.9	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	73.9	81.7	84.1	85.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3000	76.2	84.4	87.0	88.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	76.6	85.1	88.0	89.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	77.2	85.8	88.9	90.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	77.3	85.9	89.2	91.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1500	77.4	86.1	89.6	91.3	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	77.4	86.2	90.0	91.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	77.6	86.7	90.8	92.7	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	77.6	86.7	90.8	92.8	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	77.6	86.7	90.8	92.9	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	77.7	86.9	91.0	93.1	94.8	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	77.9	87.2	91.3	93.7	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	78.3	88.0	92.6	95.1	97.4	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	78.3	88.0	92.9	95.6	98.2	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	78.3	88.2	93.1	96.0	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.3	88.2	93.1	96.0	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.3	88.2	93.1	96.0	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.3	88.2	93.1	96.0	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CRIL	59.4	63.1	65.3	66.1	67.1	67.1	67.2	67.4	67.4	67.6	67.7	67.7	67.9	68.2	68.2	68.4
GE 20000	61.7	65.4	67.8	68.7	70.0	70.1	70.2	70.6	70.6	70.8	70.9	70.9	71.1	71.4	71.4	71.7
GE 18000	61.7	65.4	67.8	68.7	70.0	70.1	70.2	70.6	70.6	70.8	70.9	70.9	71.1	71.4	71.4	71.7
GE 16000	61.7	65.4	67.8	68.7	70.0	70.1	70.2	70.6	70.6	70.8	70.9	70.9	71.1	71.4	71.4	71.7
GE 14000	61.7	65.6	67.9	68.8	70.1	70.2	70.3	70.7	70.7	70.9	71.0	71.0	71.2	71.6	71.6	71.8
GE 12000	61.8	65.7	68.1	69.0	70.3	70.4	70.6	70.9	70.9	71.1	71.2	71.2	71.4	71.9	71.9	72.1
GE 10000	64.3	68.8	71.2	72.1	73.4	73.6	73.7	74.0	74.0	74.2	74.3	74.3	74.6	75.0	75.0	75.2
GE 9000	64.4	68.9	71.3	72.2	73.6	73.7	73.8	74.1	74.1	74.3	74.4	74.4	74.7	75.1	75.1	75.3
GE 8000	68.6	74.3	77.1	78.2	79.8	79.9	80.0	80.3	80.3	80.6	80.7	80.7	80.9	81.3	81.3	81.6
GE 7000	69.3	75.3	78.1	79.4	81.0	81.2	81.3	81.7	81.7	81.9	82.0	82.0	82.2	82.7	82.7	82.9
GE 6000	69.8	75.8	78.6	79.9	81.4	81.7	81.8	82.1	82.1	82.3	82.4	82.4	82.7	83.1	83.1	83.3
GE 5000	70.6	76.9	80.0	81.3	82.9	83.1	83.2	83.6	83.6	83.8	83.9	83.9	84.1	84.6	84.7	84.9
GE 4500	70.6	76.9	80.0	81.3	82.9	83.1	83.2	83.6	83.6	83.8	83.9	83.9	84.1	84.6	84.7	84.9
GE 4000	71.3	77.9	81.3	83.1	84.7	84.9	85.0	85.3	85.3	85.6	85.7	85.7	85.9	86.3	86.4	86.7
GE 3500	71.3	78.0	81.7	83.4	85.0	85.2	85.3	85.7	85.7	85.9	86.0	86.0	86.2	86.7	86.8	87.0
GE 3000	72.6	79.6	83.3	85.2	86.8	87.0	87.1	87.4	87.4	87.7	87.8	87.8	88.0	88.4	88.6	88.8
GE 2500	73.3	80.6	84.4	86.3	87.9	88.1	88.2	88.6	88.6	88.8	88.9	88.9	89.1	89.6	89.7	89.9
GE 2000	73.6	80.9	84.9	86.9	88.4	88.7	88.8	89.1	89.1	89.3	89.4	89.4	89.8	90.2	90.3	90.6
GE 1800	73.9	81.2	85.2	87.2	88.9	89.1	89.2	89.6	89.6	89.8	89.9	89.9	90.2	90.7	90.8	91.0
GE 1500	74.8	82.2	86.2	88.4	90.1	90.3	90.4	90.8	90.8	91.0	91.1	91.1	91.4	91.9	92.0	92.2
GE 1200	75.0	82.4	86.6	88.8	90.4	90.7	90.8	91.1	91.1	91.3	91.4	91.4	91.8	92.2	92.3	92.6
GE 1000	75.6	83.1	87.4	89.7	91.6	91.8	92.0	92.3	92.3	92.6	92.7	92.7	93.0	93.4	93.6	93.8
GE 900	75.9	83.6	87.9	90.2	92.1	92.3	92.6	92.9	92.9	93.1	93.2	93.2	93.6	94.0	94.1	94.3
GE 800	76.2	84.0	88.4	90.9	92.8	93.0	93.2	93.6	93.6	93.8	93.9	93.9	94.2	94.7	94.8	95.0
GE 700	76.3	84.2	88.7	91.1	93.0	93.2	93.4	93.8	93.8	94.0	94.1	94.1	94.4	94.9	95.0	95.2
GE 600	76.4	84.4	88.9	91.3	93.2	93.6	93.8	94.1	94.1	94.3	94.6	94.6	94.9	95.3	95.4	95.7
GE 500	76.8	85.7	90.6	93.3	95.3	95.7	95.9	96.2	96.2	96.4	96.7	96.7	97.0	97.4	97.6	97.8
GE 400	76.8	85.7	90.6	93.4	95.4	95.8	96.0	96.3	96.3	96.6	96.8	96.8	97.1	97.6	97.7	97.9
GE 300	77.0	85.9	90.8	93.7	96.1	96.7	97.0	97.3	97.3	97.7	97.9	97.9	98.2	98.7	98.9	99.1
GE 200	77.0	85.9	90.8	93.7	96.1	96.7	97.0	97.4	97.4	98.0	98.2	98.2	98.8	99.2	99.6	99.8
GE 100	77.0	85.9	90.8	93.7	96.1	96.7	97.0	97.4	97.4	98.1	98.3	98.3	98.9	99.3	99.8	100.0
GE 000	77.0	85.9	90.8	93.7	96.1	96.7	97.0	97.4	97.4	98.1	98.3	98.3	98.9	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.1	56.7	58.6	59.8	60.4	60.5	60.7	60.8	60.9	61.0	61.0	61.0	61.3	61.3	61.4	61.6
GE 20000	56.7	62.0	64.0	65.3	66.0	66.2	66.3	66.5	66.6	66.7	66.7	66.7	67.0	67.0	67.2	67.3
GE 18000	56.8	62.0	64.1	65.3	66.1	66.2	66.4	66.5	66.6	66.7	66.8	66.8	67.0	67.1	67.2	67.4
GE 16000	56.8	62.0	64.1	65.3	66.1	66.2	66.4	66.5	66.6	66.7	66.8	66.8	67.0	67.1	67.2	67.4
GE 14000	56.8	62.1	64.2	65.4	66.2	66.3	66.5	66.6	66.7	66.8	66.9	66.9	67.1	67.2	67.3	67.5
GE 12000	57.4	62.7	64.8	66.1	66.8	67.0	67.1	67.3	67.3	67.4	67.5	67.5	67.8	67.8	68.0	68.1
GE 10000	60.5	66.2	68.5	69.8	70.6	70.7	70.9	71.1	71.2	71.3	71.3	71.3	71.6	71.7	71.8	72.0
GE 9000	60.7	66.4	68.7	70.0	70.8	70.9	71.1	71.3	71.3	71.4	71.5	71.5	71.8	71.8	72.0	72.1
GE 8000	64.0	70.6	73.3	75.0	76.0	76.2	76.4	76.6	76.6	76.8	76.8	76.8	77.1	77.1	77.3	77.4
GE 7000	64.6	71.3	74.1	75.8	76.8	77.1	77.3	77.5	77.5	77.6	77.7	77.7	77.9	78.0	78.2	78.3
GE 6000	65.3	72.1	74.9	76.7	77.6	77.9	78.1	78.3	78.4	78.5	78.5	78.5	78.8	78.9	79.0	79.2
GE 5000	66.4	73.7	76.7	78.5	79.6	79.9	80.2	80.3	80.4	80.5	80.6	80.6	80.8	80.9	81.1	81.2
GE 4500	66.7	73.9	76.9	78.8	79.9	80.2	80.5	80.6	80.7	80.8	80.9	80.9	81.1	81.2	81.3	81.5
GE 4000	68.0	75.6	78.7	80.7	81.8	82.1	82.4	82.6	82.6	82.7	82.8	82.8	83.1	83.2	83.3	83.5
GE 3500	68.7	76.4	79.7	81.7	82.8	83.2	83.4	83.6	83.7	83.8	83.9	83.9	84.1	84.2	84.4	84.5
GE 3000	70.4	78.6	81.9	84.1	85.4	85.7	86.0	86.2	86.3	86.4	86.5	86.5	86.8	86.8	87.0	87.2
GE 2500	70.9	79.3	82.8	85.1	86.4	86.8	87.0	87.3	87.3	87.4	87.5	87.5	87.8	87.9	88.0	88.2
GE 2000	71.6	80.2	83.8	86.2	87.6	87.9	88.2	88.5	88.5	88.7	88.8	88.8	89.0	89.1	89.3	89.5
GE 1800	71.8	80.4	84.1	86.5	87.9	88.3	88.6	88.8	88.9	89.0	89.1	89.1	89.4	89.5	89.6	89.8
GE 1500	72.3	81.1	85.0	87.4	88.9	89.3	89.6	89.9	89.9	90.1	90.2	90.2	90.5	90.6	90.7	90.9
GE 1200	72.7	81.7	85.7	88.3	89.9	90.3	90.7	90.9	91.0	91.2	91.3	91.3	91.6	91.6	91.8	92.0
GE 1000	73.0	82.3	86.5	89.1	90.9	91.3	91.7	92.0	92.1	92.3	92.4	92.4	92.7	92.7	92.9	93.1
GE 900	73.2	82.5	86.9	89.5	91.3	91.8	92.2	92.5	92.6	92.8	92.9	92.9	93.2	93.2	93.4	93.6
GE 800	73.4	82.8	87.3	90.0	91.8	92.3	92.8	93.1	93.2	93.4	93.5	93.5	93.8	93.8	94.0	94.2
GE 700	73.5	83.0	87.5	90.4	92.3	92.8	93.3	93.7	93.7	94.0	94.1	94.1	94.4	94.5	94.6	94.8
GE 600	73.8	83.4	88.0	90.9	93.0	93.5	94.2	94.5	94.6	94.8	95.0	95.0	95.3	95.3	95.5	95.7
GE 500	74.0	83.9	88.7	91.9	94.2	94.7	95.4	95.8	95.9	96.2	96.3	96.3	96.6	96.7	96.8	97.0
GE 400	74.0	84.0	89.0	92.2	94.6	95.2	96.0	96.5	96.5	96.9	97.0	97.0	97.3	97.4	97.6	97.8
GE 300	74.1	84.1	89.1	92.3	94.9	95.6	96.5	97.0	97.1	97.6	97.8	97.8	98.1	98.2	98.4	98.7
GE 200	74.1	84.1	89.1	92.3	94.9	95.6	96.6	97.2	97.3	98.0	98.2	98.2	98.6	98.7	99.0	99.4
GE 100	74.1	84.1	89.1	92.3	94.9	95.6	96.6	97.2	97.4	98.0	98.3	98.3	98.7	98.8	99.2	99.8
GE 000	74.1	84.1	89.1	92.3	94.9	95.6	96.6	97.2	97.4	98.0	98.3	98.3	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.0	56.6	58.7	60.1	60.9	60.9	61.4	61.4	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.9
GE 20000	54.3	59.0	61.3	62.7	63.4	63.4	64.0	64.0	64.0	64.1	64.1	64.1	64.3	64.3	64.3	64.6
GE 18000	54.3	59.0	61.3	62.7	63.4	63.4	64.0	64.0	64.0	64.1	64.1	64.1	64.3	64.3	64.3	64.6
GE 16000	54.3	59.0	61.3	62.7	63.4	63.4	64.0	64.0	64.0	64.1	64.1	64.1	64.3	64.3	64.3	64.6
GE 14000	54.8	59.6	61.8	63.2	64.0	64.0	64.5	64.5	64.5	64.6	64.6	64.6	64.8	64.8	64.8	65.2
GE 12000	54.9	59.7	61.9	63.3	64.1	64.1	64.6	64.6	64.6	64.7	64.7	64.7	64.9	64.9	64.9	65.3
GE 10000	57.7	62.6	64.8	66.2	67.0	67.0	67.5	67.5	67.5	67.6	67.6	67.6	67.8	67.8	67.8	68.2
GE 9000	58.1	63.1	65.4	66.8	67.5	67.5	68.1	68.1	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.7
GE 8000	60.6	66.0	68.4	70.2	71.0	71.0	71.5	71.5	71.5	71.6	71.6	71.6	71.8	71.8	71.8	72.2
GE 7000	61.2	66.6	68.9	70.8	71.5	71.5	72.0	72.0	72.0	72.2	72.2	72.2	72.4	72.4	72.4	72.7
GE 6000	62.8	68.3	70.9	72.7	73.4	73.4	74.0	74.0	74.0	74.1	74.1	74.1	74.3	74.3	74.3	74.6
GE 5000	64.2	70.1	72.7	74.7	75.6	75.6	76.2	76.2	76.2	76.3	76.3	76.3	76.6	76.6	76.6	76.9
GE 4500	64.6	70.5	73.1	75.2	76.0	76.0	76.7	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.3
GE 4000	66.3	72.7	75.4	77.4	78.3	78.3	78.9	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.6
GE 3500	66.8	73.2	76.0	78.1	78.9	78.9	79.6	79.6	79.6	79.7	79.7	79.7	79.9	79.9	79.9	80.2
GE 3000	68.8	75.5	78.3	80.4	81.4	81.4	82.2	82.2	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.8
GE 2500	69.6	76.7	79.8	82.0	83.0	83.0	83.8	83.8	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.4
GE 2000	69.9	77.1	80.2	82.5	83.8	83.8	84.5	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.8	85.2
GE 1800	69.9	77.2	80.4	82.7	84.0	84.0	84.7	84.7	84.7	84.8	84.8	84.8	85.1	85.1	85.1	85.4
GE 1500	70.4	77.8	81.3	83.5	84.8	84.8	85.6	85.6	85.6	85.7	85.7	85.7	85.9	85.9	85.9	86.2
GE 1200	71.2	78.7	82.3	84.5	85.8	85.8	86.6	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	87.2
GE 1000	71.8	79.7	83.3	85.7	87.0	87.0	87.7	87.7	87.7	87.8	87.8	87.8	88.1	88.1	88.1	88.4
GE 900	71.9	79.8	83.4	86.0	87.3	87.3	88.1	88.1	88.1	88.2	88.2	88.2	88.4	88.4	88.4	88.7
GE 800	72.2	80.1	83.9	86.8	88.1	88.1	88.9	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.6
GE 700	72.5	80.8	84.9	88.4	89.8	89.8	90.6	90.6	90.6	90.8	90.8	90.8	91.1	91.1	91.1	91.4
GE 600	72.6	80.9	85.1	88.5	89.9	90.1	91.1	91.1	91.1	91.2	91.2	91.2	91.5	91.5	91.5	91.8
GE 500	73.2	81.5	86.1	89.6	91.4	91.6	92.7	92.8	92.8	92.9	93.0	93.0	93.7	93.7	93.7	94.0
GE 400	73.2	81.7	86.3	89.8	91.8	92.0	93.1	93.3	93.3	93.4	93.5	93.5	94.3	94.3	94.3	94.6
GE 300	73.2	81.7	86.3	89.8	92.2	92.5	93.7	94.3	94.4	94.7	94.8	94.8	95.6	95.6	95.7	96.0
GE 200	73.2	81.7	86.3	89.8	92.2	92.5	94.3	94.9	95.1	95.8	96.1	96.2	97.3	97.3	97.5	98.2
GE 100	73.2	81.7	86.3	89.8	92.2	92.5	94.3	95.1	95.3	96.3	96.8	96.9	98.0	98.0	98.5	99.1
GE 000	73.2	81.7	86.3	89.8	92.2	92.5	94.3	95.1	95.3	96.3	96.8	96.9	98.0	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	55.3	58.2	59.7	60.2	60.2	60.6	60.8	60.8	61.2	61.2	61.2	61.7	61.7	61.9	62.7
GE 20000	53.1	57.2	60.1	61.6	62.2	62.2	62.6	62.7	62.7	63.1	63.1	63.1	63.7	63.7	63.9	64.6
GE 18000	53.1	57.2	60.1	61.6	62.2	62.2	62.6	62.7	62.7	63.1	63.1	63.1	63.7	63.7	63.9	64.6
GE 16000	53.1	57.2	60.1	61.6	62.2	62.2	62.6	62.7	62.7	63.1	63.1	63.1	63.7	63.7	63.9	64.6
GE 14000	53.2	57.3	60.2	61.7	62.3	62.3	62.7	62.8	62.8	63.2	63.2	63.2	63.8	63.8	64.0	64.7
GE 12000	53.4	57.5	60.4	61.9	62.5	62.5	62.9	63.0	63.0	63.4	63.4	63.4	64.0	64.0	64.2	64.9
GE 10000	56.5	60.5	63.4	64.9	65.5	65.5	65.9	66.0	66.0	66.5	66.5	66.5	67.0	67.0	67.2	68.0
GE 9000	56.5	60.5	63.4	64.9	65.5	65.5	65.9	66.0	66.0	66.5	66.5	66.5	67.0	67.0	67.2	68.0
GE 8000	59.2	63.8	66.8	68.5	69.0	69.0	69.5	69.6	69.6	70.0	70.0	70.0	70.5	70.5	70.8	71.5
GE 7000	59.8	64.3	67.3	69.0	69.6	69.6	70.0	70.1	70.1	70.5	70.5	70.5	71.1	71.1	71.3	72.0
GE 6000	60.6	65.3	68.3	70.2	70.8	70.8	71.2	71.3	71.3	71.7	71.7	71.7	72.3	72.3	72.5	73.2
GE 5000	61.5	66.5	69.6	71.5	72.2	72.2	72.6	72.7	72.7	73.1	73.1	73.1	73.7	73.7	73.9	74.6
GE 4500	62.7	67.7	70.9	72.8	73.4	73.5	74.0	74.1	74.1	74.5	74.5	74.5	75.1	75.1	75.3	76.0
GE 4000	64.3	69.6	72.8	74.8	75.7	75.8	76.2	76.3	76.3	76.8	76.8	76.8	77.3	77.3	77.5	78.3
GE 3500	65.2	70.4	73.7	75.7	76.6	76.7	77.1	77.2	77.2	77.6	77.6	77.6	78.2	78.2	78.4	79.1
GE 3000	66.7	72.3	75.5	77.6	78.5	78.6	79.0	79.1	79.1	79.6	79.6	79.6	80.1	80.1	80.3	81.1
GE 2500	67.4	73.1	76.7	79.1	80.0	80.1	80.5	80.6	80.6	81.1	81.1	81.1	81.6	81.6	81.8	82.6
GE 2000	68.0	73.9	77.5	80.0	80.9	81.0	81.5	81.6	81.6	82.0	82.0	82.0	82.6	82.6	82.8	83.5
GE 1800	68.1	74.1	77.7	80.2	81.1	81.2	81.7	81.8	81.8	82.3	82.3	82.3	82.8	82.8	83.0	83.8
GE 1500	69.1	75.4	79.0	81.6	82.7	82.8	83.3	83.4	83.4	83.9	83.9	83.9	84.4	84.4	84.6	85.4
GE 1200	69.8	76.1	79.9	82.5	83.8	84.0	84.5	84.6	84.6	85.1	85.1	85.1	85.6	85.6	85.8	86.6
GE 1000	70.4	76.8	80.5	83.2	84.5	84.7	85.3	85.4	85.4	85.8	85.8	85.8	86.3	86.3	86.7	87.4
GE 900	71.0	77.4	81.2	84.0	85.3	85.5	86.0	86.1	86.1	86.6	86.6	86.6	87.1	87.1	87.4	88.2
GE 800	71.1	77.6	81.5	84.5	85.8	86.2	86.9	87.0	87.0	87.4	87.4	87.4	88.0	88.0	88.3	89.0
GE 700	71.1	78.0	81.8	85.2	86.7	87.1	87.7	87.8	87.8	88.3	88.3	88.3	88.8	88.8	89.1	89.9
GE 600	71.4	78.4	82.5	86.1	87.7	88.4	89.2	89.4	89.4	89.8	89.8	89.8	90.3	90.3	90.6	91.4
GE 500	71.9	79.0	83.2	87.4	89.1	89.9	91.0	91.1	91.2	91.6	91.6	91.6	92.5	92.5	92.8	93.5
GE 400	71.9	79.0	83.3	87.8	89.7	90.5	91.7	91.9	92.0	92.6	92.7	92.7	93.7	93.7	94.0	94.7
GE 300	71.9	79.0	83.3	87.8	89.7	90.6	92.0	92.5	92.7	93.4	93.7	93.7	94.7	94.7	95.1	95.9
GE 200	71.9	79.0	83.3	88.1	90.2	91.4	93.1	93.5	93.8	94.6	94.9	94.9	96.3	96.3	96.9	98.4
GE 100	71.9	79.0	83.3	88.1	90.2	91.4	93.2	93.7	93.9	94.8	95.2	95.2	97.0	97.0	97.5	99.7
GE 000	71.9	79.0	83.3	88.1	90.2	91.4	93.2	93.7	93.9	94.8	95.2	95.2	97.0	97.0	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.1	48.6	50.3	51.4	52.9	53.0	53.5	53.8	53.9	54.3	54.5	54.6	54.9	54.9	55.3	56.0
GE 20000	48.2	52.3	54.4	55.5	57.1	57.2	57.7	58.0	58.1	58.5	58.7	58.8	59.1	59.1	59.5	60.2
GE 18000	48.2	52.3	54.4	55.5	57.1	57.2	57.7	58.0	58.1	58.5	58.7	58.8	59.1	59.1	59.5	60.2
GE 16000	48.2	52.3	54.4	55.5	57.1	57.2	57.7	58.0	58.1	58.5	58.7	58.8	59.1	59.1	59.5	60.2
GE 14000	48.3	52.4	54.5	55.6	57.2	57.3	57.8	58.1	58.2	58.6	58.8	58.9	59.2	59.2	59.6	60.3
GE 12000	49.2	53.3	55.6	56.9	58.5	58.6	59.1	59.4	59.5	59.9	60.1	60.2	60.5	60.5	60.9	61.6
GE 10000	53.1	57.6	59.9	61.3	62.9	63.0	63.7	63.9	64.0	64.5	64.7	64.8	65.2	65.2	65.5	66.2
GE 9000	53.2	57.7	60.0	61.4	63.0	63.1	63.8	64.0	64.1	64.6	64.8	64.9	65.3	65.3	65.6	66.3
GE 8000	54.6	59.7	62.3	63.7	65.8	65.9	66.8	67.0	67.1	67.6	67.8	68.0	68.3	68.3	68.6	69.4
GE 7000	54.8	59.9	62.6	64.0	66.1	66.2	67.1	67.3	67.4	68.0	68.2	68.3	68.6	68.6	68.9	69.7
GE 6000	55.2	60.3	63.0	64.4	66.6	66.7	67.5	67.7	67.8	68.4	68.6	68.7	69.0	69.0	69.4	70.1
GE 5000	56.1	61.6	64.3	65.8	68.1	68.3	69.1	69.4	69.5	70.0	70.2	70.3	70.6	70.6	71.1	71.8
GE 4500	56.7	62.5	65.3	66.9	69.1	69.4	70.2	70.4	70.5	71.1	71.3	71.4	71.7	71.7	72.2	72.9
GE 4000	58.4	64.3	67.3	69.1	71.4	71.6	72.5	72.7	72.8	73.3	73.5	73.7	74.0	74.0	74.4	75.2
GE 3500	58.7	64.9	68.1	70.0	72.3	72.5	73.3	73.5	73.7	74.2	74.4	74.5	74.8	74.8	75.3	76.0
GE 3000	60.4	67.3	70.8	72.9	75.4	75.6	76.6	76.8	76.9	77.4	77.6	77.7	78.1	78.1	78.5	79.2
GE 2500	61.8	68.8	72.8	74.9	77.4	77.6	78.6	78.8	78.9	79.5	79.7	79.8	80.1	80.1	80.5	81.3
GE 2000	62.7	69.9	73.9	76.2	78.9	79.2	80.4	80.6	80.9	81.4	81.6	81.7	82.0	82.0	82.5	83.3
GE 1800	62.7	69.9	73.9	76.2	78.9	79.2	80.4	80.6	80.9	81.4	81.6	81.7	82.0	82.0	82.5	83.3
GE 1500	63.4	70.8	74.8	77.3	80.2	80.5	81.7	81.9	82.2	82.7	82.9	83.0	83.3	83.3	83.8	84.6
GE 1200	63.7	71.1	75.2	78.1	81.0	81.3	82.5	82.7	82.9	83.4	83.7	83.8	84.1	84.1	84.5	85.4
GE 1000	64.0	71.5	75.8	79.1	82.3	82.6	83.9	84.2	84.4	84.9	85.2	85.3	85.6	85.6	86.0	86.9
GE 900	64.4	71.9	76.3	79.8	82.9	83.2	84.6	84.9	85.2	85.7	85.9	86.0	86.3	86.3	86.8	87.6
GE 800	64.4	72.4	76.8	80.3	83.8	84.1	85.5	85.8	86.0	86.6	86.8	86.9	87.2	87.2	87.6	88.5
GE 700	64.9	73.3	77.8	81.6	85.5	85.8	87.2	87.5	87.7	88.3	88.5	88.6	88.9	88.9	89.4	90.2
GE 600	65.1	73.8	78.5	82.6	86.6	87.0	88.5	89.1	89.4	89.9	90.1	90.2	90.5	90.5	91.0	91.8
GE 500	65.4	74.2	79.1	83.5	87.7	88.2	89.8	90.5	91.2	91.7	91.9	92.0	92.4	92.4	92.8	93.7
GE 400	65.4	74.3	79.4	83.9	88.3	88.7	90.3	91.1	91.7	92.4	92.6	92.7	93.0	93.0	93.4	94.3
GE 300	65.4	74.3	79.4	83.9	88.6	89.2	91.4	92.3	93.0	93.7	94.1	94.2	94.6	94.6	95.1	95.9
GE 200	65.4	74.3	79.5	84.0	88.8	89.5	91.9	93.0	94.0	94.6	95.1	95.3	95.7	95.7	96.3	97.5
GE 100	65.4	74.3	79.5	84.0	88.8	89.5	91.9	93.0	94.1	95.1	95.6	95.8	96.5	96.7	97.7	99.4
GE 000	65.4	74.3	79.5	84.0	88.8	89.5	91.9	93.0	94.1	95.1	95.6	95.8	96.5	96.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	50.5	52.3	52.7	52.8	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.5	53.8	53.8
GE 20000	53.8	56.6	58.3	58.8	59.1	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.9	60.1	60.1
GE 18000	53.8	56.6	58.3	58.8	59.1	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.9	60.1	60.1
GE 16000	53.8	56.6	58.3	58.8	59.1	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.9	60.1	60.1
GE 14000	54.2	57.0	58.7	59.2	59.6	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.3	60.5	60.5
GE 12000	54.9	57.7	59.5	60.0	60.3	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.1	61.3	61.3
GE 10000	59.6	62.5	64.3	64.8	65.2	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.9	66.1	66.1
GE 9000	60.3	63.2	65.1	65.6	65.9	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.7	66.9	66.9
GE 8000	63.2	66.2	68.2	68.8	69.2	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	70.0	70.2	70.2
GE 7000	63.9	66.9	69.1	69.9	70.3	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.1	71.3	71.3
GE 6000	64.9	68.1	70.3	71.1	71.5	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.3	72.5	72.5
GE 5000	65.8	69.4	72.2	73.0	73.5	74.0	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.4	74.7	74.7
GE 4500	66.6	70.1	72.9	73.8	74.3	74.7	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.2	75.5	75.5
GE 4000	67.7	71.5	74.6	75.5	76.0	76.5	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.9	77.2	77.2
GE 3500	68.6	72.5	75.7	76.7	77.2	77.6	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.1	78.4	78.4
GE 3000	70.8	74.9	78.8	80.2	80.8	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.6	81.9	81.9
GE 2500	71.4	75.8	79.9	81.6	82.2	82.6	82.7	82.7	82.7	82.9	82.9	82.9	82.9	83.0	83.3	83.3
GE 2000	72.4	77.0	81.4	83.1	84.1	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9	85.3	85.3
GE 1800	72.5	77.1	81.5	83.2	84.2	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9	85.1	85.4	85.4
GE 1500	72.9	77.6	82.2	84.3	85.4	85.9	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.6	86.9	86.9
GE 1200	73.2	78.3	83.0	85.5	86.7	87.2	87.5	87.6	87.7	88.0	88.0	88.0	88.0	88.1	88.4	88.4
GE 1000	73.5	78.7	83.4	86.1	87.5	88.2	88.5	88.6	88.7	88.9	88.9	88.9	88.9	89.0	89.4	89.4
GE 900	74.2	79.6	84.5	87.4	89.1	89.8	90.5	90.6	90.8	91.0	91.0	91.0	91.0	91.1	91.4	91.4
GE 800	74.2	79.8	84.8	87.7	89.7	90.3	91.1	91.2	91.3	91.5	91.5	91.5	91.5	91.6	91.9	91.9
GE 700	74.5	80.5	85.6	88.7	90.6	91.3	92.5	92.6	92.7	92.9	92.9	92.9	92.9	93.0	93.3	93.3
GE 600	74.5	80.6	85.7	88.9	91.1	91.7	93.0	93.2	93.4	93.7	93.7	93.7	93.7	93.8	94.1	94.1
GE 500	74.7	81.1	86.1	89.5	91.6	92.3	94.0	94.3	94.5	94.7	94.8	94.8	95.2	95.3	95.6	95.6
GE 400	74.7	81.1	86.1	89.5	91.7	92.5	94.3	94.7	94.9	95.4	95.5	95.5	95.8	95.9	96.2	96.2
GE 300	74.7	81.1	86.1	89.6	91.9	92.7	94.8	95.4	95.7	96.2	96.6	96.6	96.9	97.0	97.3	97.3
GE 200	74.7	81.1	86.1	89.6	91.9	92.7	94.9	95.6	96.1	96.7	97.0	97.0	97.4	97.7	98.3	98.4
GE 100	74.7	81.1	86.1	89.6	91.9	92.7	94.9	95.6	96.1	96.7	97.0	97.1	97.5	97.8	98.6	100.0
GE 000	74.7	81.1	86.1	89.6	91.9	92.7	94.9	95.6	96.1	96.7	97.0	97.1	97.5	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.5	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	60.0	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	60.0	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	60.0	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	60.3	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	61.1	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	64.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	64.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 8000	67.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	68.9	72.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	70.5	73.7	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	72.8	76.1	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	73.8	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	75.6	79.6	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	76.6	81.0	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	78.4	83.0	83.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	78.8	83.5	84.1	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	80.2	85.2	85.9	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	80.8	85.7	86.5	87.1	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	81.1	86.1	87.3	88.0	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	81.9	87.2	88.5	89.5	89.6	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	82.0	87.4	88.7	89.7	89.8	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	82.0	88.0	89.5	90.4	90.8	91.0	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	82.6	88.6	90.2	91.2	91.6	91.8	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	82.8	88.9	90.8	91.9	92.4	92.8	94.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	82.9	89.0	91.0	92.5	93.3	93.8	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	83.0	89.1	91.2	93.0	94.1	94.5	96.2	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.6	97.6
GE 400	83.0	89.1	91.2	93.1	94.2	94.8	96.8	97.5	97.8	98.2	98.3	98.3	98.3	98.3	98.4	98.4
GE 300	83.0	89.1	91.2	93.1	94.3	94.9	96.9	98.0	98.4	98.7	99.0	99.0	99.0	99.1	99.2	99.2
GE 200	83.0	89.1	91.2	93.1	94.4	95.1	97.0	98.3	98.7	99.0	99.4	99.4	99.4	99.5	99.7	99.9
GE 100	83.0	89.1	91.2	93.1	94.4	95.1	97.0	98.3	98.7	99.0	99.4	99.4	99.4	99.5	99.7	100.0
GE 000	83.0	89.1	91.2	93.1	94.4	95.1	97.0	98.3	98.7	99.0	99.4	99.4	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
GE 20000	59.9	62.3	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
GE 18000	60.3	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
GE 16000	60.3	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
GE 14000	60.8	63.1	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7
GE 12000	62.8	65.2	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 10000	65.3	68.2	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 9000	65.9	68.8	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
GE 8000	69.9	72.8	73.2	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8
GE 7000	71.2	74.5	74.9	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
GE 6000	72.5	75.8	76.2	76.2	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
GE 5000	73.8	77.3	78.0	78.0	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
GE 4500	75.1	78.6	79.2	79.2	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 4000	76.0	79.7	80.5	80.6	81.1	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.7	81.7
GE 3500	77.2	81.3	82.2	82.3	82.7	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.4	83.4
GE 3000	78.8	83.1	84.0	84.2	84.6	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.4
GE 2500	79.2	83.8	84.6	84.8	85.3	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.0	86.0
GE 2000	80.1	84.7	85.7	86.3	86.9	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.6	87.6
GE 1800	80.3	85.1	86.1	86.8	87.3	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.2	88.2
GE 1500	81.1	86.1	87.4	88.1	88.6	88.8	89.0	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.7	89.7
GE 1200	81.4	86.8	88.2	88.8	89.4	89.7	90.0	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.8	90.8
GE 1000	81.6	87.1	88.5	89.1	89.7	90.0	90.3	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.1	91.1
GE 900	82.0	87.8	89.2	89.9	90.6	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.2	92.2	92.3	92.3
GE 800	82.3	88.3	89.9	90.5	91.5	91.8	92.2	92.6	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.2
GE 700	82.3	88.6	90.2	91.4	92.6	92.9	93.7	94.1	94.5	94.6	94.6	94.6	94.7	94.7	94.8	94.8
GE 600	82.5	88.9	91.1	92.4	93.7	94.0	94.7	95.4	95.8	95.9	95.9	95.9	96.0	96.0	96.1	96.1
GE 500	82.5	89.0	91.4	92.7	94.4	94.9	96.3	97.0	97.4	97.6	97.7	97.7	98.0	98.0	98.1	98.1
GE 400	82.5	89.1	91.5	92.8	94.6	95.2	96.6	97.2	97.6	97.8	98.0	98.0	98.2	98.2	98.3	98.4
GE 300	82.5	89.1	91.5	92.8	95.1	95.6	97.0	98.0	98.5	98.7	98.9	98.9	99.1	99.1	99.2	99.6
GE 200	82.5	89.1	91.5	92.8	95.1	95.6	97.0	98.0	98.5	98.7	98.9	98.9	99.1	99.1	99.5	99.9
GE 100	82.5	89.1	91.5	92.8	95.1	95.6	97.0	98.0	98.5	98.7	98.9	98.9	99.1	99.1	99.5	99.9
GE 000	82.5	89.1	91.5	92.8	95.1	95.6	97.0	98.0	98.5	98.7	98.9	98.9	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.7	54.3	55.1	55.4	55.4	55.5	55.7	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	57.4	60.1	61.0	61.4	61.4	61.5	61.7	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 18000	57.4	60.1	61.0	61.4	61.4	61.5	61.7	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	57.5	60.2	61.1	61.5	61.5	61.6	61.8	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	58.0	60.6	61.5	61.9	61.9	62.0	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	59.5	62.2	63.0	63.4	63.4	63.5	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	61.6	64.7	65.6	66.0	66.0	66.1	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	61.9	65.1	65.9	66.3	66.3	66.5	66.7	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	65.7	68.8	69.7	70.1	70.1	70.2	70.4	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	66.8	70.1	71.0	71.4	71.4	71.5	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	67.8	71.2	72.0	72.5	72.5	72.6	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	69.7	73.3	74.2	74.9	75.1	75.2	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500	70.0	73.7	74.5	75.3	75.4	75.5	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	72.4	76.0	77.0	78.0	78.3	78.4	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	74.2	78.0	78.9	79.9	80.2	80.3	80.5	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	75.1	79.5	80.4	81.4	81.8	81.9	82.2	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500	76.1	80.9	81.8	82.8	83.3	83.4	83.7	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	77.0	82.0	83.2	84.3	84.8	84.9	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	77.3	82.5	83.7	84.7	85.3	85.5	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	77.8	83.3	84.6	85.8	86.3	86.6	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	78.1	83.9	85.3	86.5	87.0	87.2	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	78.4	84.4	85.9	87.1	88.1	88.3	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	78.8	85.1	86.8	88.0	88.9	89.1	89.6	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	79.2	85.8	87.5	89.0	90.1	90.3	91.0	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	79.6	86.3	88.1	90.0	91.2	91.4	92.2	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	80.2	87.4	89.2	91.2	92.4	92.6	93.3	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	80.2	87.5	89.5	91.5	92.9	93.7	94.6	94.7	94.8	95.1	95.2	95.2	95.5	95.5	95.5	95.5
GE 400	80.2	87.7	89.7	91.8	93.2	94.2	95.2	95.6	95.7	95.9	96.0	96.0	96.3	96.3	96.3	96.3
GE 300	80.2	87.7	89.7	91.9	93.5	94.7	96.6	97.3	97.4	98.1	98.3	98.3	98.7	98.7	98.7	98.7
GE 200	80.2	87.7	89.7	91.9	93.5	94.7	96.6	97.4	97.7	98.4	98.6	98.7	99.2	99.2	99.4	99.6
GE 100	80.2	87.7	89.7	91.9	93.5	94.7	96.6	97.4	97.7	98.4	98.6	98.7	99.2	99.4	99.5	99.8
GE 000	80.2	87.7	89.7	91.9	93.5	94.7	96.6	97.4	97.7	98.4	98.6	98.7	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.7	57.0	58.6	59.2	60.0	60.0	60.4	60.4	60.4	60.5	60.6	60.6	60.8	60.8	60.8	60.9
GE 20000	57.6	60.0	61.7	62.6	63.3	63.3	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.3
GE 18000	57.6	60.0	61.7	62.6	63.3	63.3	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.3
GE 16000	57.6	60.0	61.7	62.6	63.3	63.3	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.3
GE 14000	58.3	60.6	62.4	63.2	64.0	64.0	64.4	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.9
GE 12000	58.7	61.1	62.8	63.7	64.4	64.4	64.8	64.8	64.8	64.9	65.1	65.1	65.2	65.2	65.2	65.4
GE 10000	61.1	63.7	65.4	66.2	67.0	67.0	67.4	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	68.0
GE 9000	61.3	63.9	65.6	66.6	67.3	67.3	67.7	67.7	67.7	67.8	68.0	68.0	68.1	68.1	68.1	68.3
GE 8000	64.9	68.0	69.9	70.9	71.6	71.6	72.0	72.0	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.6
GE 7000	65.7	68.9	70.9	71.8	72.6	72.6	73.0	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.5
GE 6000	66.9	70.1	72.0	73.0	73.8	73.8	74.2	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.7
GE 5000	67.8	71.4	73.4	74.6	75.4	75.4	75.8	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.3
GE 4500	68.5	72.2	74.2	75.4	76.1	76.1	76.6	76.6	76.6	76.7	76.8	76.8	76.9	76.9	76.9	77.1
GE 4000	71.0	74.6	76.9	78.2	78.9	78.9	79.4	79.4	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.9
GE 3500	71.7	75.8	78.1	79.5	80.2	80.2	80.6	80.6	80.6	80.8	81.0	81.0	81.1	81.1	81.1	81.3
GE 3000	72.9	77.1	79.4	80.8	81.5	81.5	81.9	81.9	81.9	82.0	82.3	82.3	82.4	82.4	82.4	82.6
GE 2500	73.8	78.1	80.3	81.7	82.5	82.5	82.9	82.9	82.9	83.0	83.2	83.2	83.3	83.3	83.3	83.5
GE 2000	75.1	79.7	82.2	83.5	84.3	84.3	84.7	84.7	84.7	84.8	85.1	85.1	85.2	85.2	85.2	85.4
GE 1800	75.1	79.8	82.3	83.7	84.4	84.4	84.9	84.9	84.9	85.1	85.3	85.3	85.4	85.4	85.4	85.6
GE 1500	75.3	80.0	82.7	84.3	85.1	85.2	85.6	85.6	85.6	85.7	85.9	85.9	86.0	86.0	86.0	86.2
GE 1200	75.9	80.8	83.5	85.5	86.2	86.3	86.8	86.8	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.4
GE 1000	76.5	81.7	84.5	86.5	87.2	87.3	87.7	87.7	87.7	87.8	88.1	88.1	88.2	88.2	88.2	88.4
GE 900	76.9	82.2	85.2	87.1	87.8	88.0	88.4	88.4	88.4	88.5	88.7	88.7	88.8	88.8	88.8	89.0
GE 800	77.2	82.7	85.8	87.8	88.6	88.7	89.1	89.1	89.1	89.2	89.5	89.5	89.6	89.6	89.6	89.8
GE 700	77.8	83.4	86.9	89.2	90.2	90.3	90.8	90.8	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.4
GE 600	78.2	84.4	88.3	90.8	91.7	92.2	92.7	92.8	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.4
GE 500	78.4	84.7	88.6	91.2	92.5	93.1	94.0	94.1	94.2	94.3	94.6	94.7	95.1	95.1	95.1	95.3
GE 400	78.4	85.2	89.1	91.7	93.0	93.8	94.6	94.8	94.9	95.1	95.4	95.5	95.8	95.8	95.8	96.0
GE 300	78.4	85.2	89.1	91.7	93.3	94.1	94.9	95.5	95.7	96.0	96.3	96.5	96.9	96.9	97.0	97.3
GE 200	78.4	85.2	89.1	91.7	93.3	94.2	95.2	95.8	96.0	96.8	97.1	97.2	97.6	97.6	98.0	98.3
GE 100	78.4	85.2	89.1	91.7	93.3	94.2	95.2	95.9	96.1	97.5	98.0	98.2	98.6	98.7	99.1	99.5
GE 000	78.4	85.2	89.1	91.7	93.3	94.2	95.2	95.9	96.1	97.5	98.0	98.7	99.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.7	53.7	55.1	55.7	56.2	56.3	56.6	56.6	56.6	56.8	56.9	56.9	57.0	57.0	57.1	57.4
GE 20000	55.5	58.8	60.3	61.0	61.5	61.6	61.9	61.9	61.9	62.1	62.2	62.2	62.3	62.4	62.4	62.7
GE 18000	55.6	58.8	60.3	61.1	61.6	61.7	61.9	62.0	62.0	62.2	62.2	62.2	62.4	62.4	62.5	62.8
GE 16000	55.6	58.8	60.3	61.1	61.6	61.7	61.9	62.0	62.0	62.2	62.2	62.2	62.4	62.4	62.5	62.8
GE 14000	56.0	59.2	60.7	61.5	62.0	62.0	62.3	62.4	62.4	62.6	62.6	62.6	62.8	62.8	62.9	63.1
GE 12000	56.8	60.1	61.6	62.3	62.8	62.9	63.2	63.3	63.3	63.5	63.5	63.5	63.7	63.7	63.8	64.0
GE 10000	59.9	63.4	64.9	65.7	66.2	66.3	66.6	66.6	66.6	66.8	66.9	66.9	67.0	67.1	67.2	67.4
GE 9000	60.2	63.8	65.3	66.1	66.6	66.7	67.0	67.0	67.0	67.2	67.3	67.3	67.5	67.5	67.6	67.8
GE 8000	63.3	67.0	68.7	69.6	70.2	70.3	70.6	70.6	70.6	70.8	70.9	70.9	71.1	71.1	71.2	71.4
GE 7000	64.0	67.9	69.6	70.5	71.2	71.3	71.6	71.6	71.6	71.8	71.9	71.9	72.0	72.1	72.2	72.4
GE 6000	65.2	69.1	70.8	71.8	72.4	72.5	72.8	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.4	73.7
GE 5000	66.5	70.7	72.6	73.6	74.4	74.5	74.8	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.4	75.7
GE 4500	67.2	71.5	73.4	74.5	75.2	75.3	75.7	75.8	75.8	76.0	76.0	76.0	76.2	76.2	76.3	76.6
GE 4000	69.0	73.5	75.6	76.7	77.5	77.6	77.9	78.0	78.1	78.3	78.3	78.3	78.5	78.5	78.6	78.9
GE 3500	69.9	74.6	76.7	77.9	78.7	78.8	79.2	79.3	79.3	79.5	79.5	79.6	79.7	79.7	79.9	80.1
GE 3000	71.5	76.6	78.8	80.2	81.0	81.1	81.5	81.6	81.6	81.8	81.9	81.9	82.0	82.0	82.2	82.4
GE 2500	72.3	77.6	80.0	81.4	82.3	82.4	82.8	82.9	82.9	83.1	83.1	83.2	83.3	83.3	83.5	83.7
GE 2000	73.2	78.7	81.3	82.8	83.8	83.9	84.3	84.4	84.5	84.7	84.7	84.7	84.9	84.9	85.1	85.3
GE 1800	73.3	78.9	81.5	83.1	84.0	84.2	84.7	84.8	84.8	85.0	85.1	85.1	85.2	85.2	85.4	85.6
GE 1500	73.9	79.7	82.4	84.1	85.1	85.3	85.8	85.9	86.0	86.2	86.2	86.2	86.4	86.4	86.5	86.8
GE 1200	74.4	80.3	83.2	85.1	86.2	86.4	86.9	87.0	87.1	87.3	87.4	87.4	87.5	87.5	87.7	87.9
GE 1000	74.8	80.9	83.8	85.8	87.0	87.3	87.8	87.9	88.0	88.2	88.3	88.3	88.4	88.4	88.6	88.9
GE 900	75.2	81.5	84.5	86.6	87.8	88.1	88.8	88.9	89.0	89.2	89.3	89.3	89.4	89.5	89.6	89.9
GE 800	75.4	81.9	85.1	87.2	88.6	88.9	89.6	89.8	89.9	90.1	90.2	90.2	90.3	90.4	90.5	90.8
GE 700	75.7	82.5	85.8	88.3	89.9	90.2	91.1	91.2	91.4	91.6	91.7	91.7	91.9	91.9	92.0	92.3
GE 600	75.9	82.9	86.4	89.1	90.8	91.2	92.2	92.5	92.6	92.8	92.9	92.9	93.1	93.1	93.3	93.5
GE 500	76.2	83.3	86.9	89.8	91.7	92.3	93.6	93.9	94.2	94.4	94.6	94.6	95.0	95.0	95.1	95.4
GE 400	76.2	83.4	87.1	90.1	92.1	92.7	94.1	94.5	94.8	95.1	95.2	95.3	95.7	95.7	95.8	96.1
GE 300	76.2	83.4	87.1	90.1	92.3	93.1	94.7	95.4	95.7	96.2	96.5	96.5	96.9	97.0	97.2	97.5
GE 200	76.2	83.4	87.1	90.1	92.4	93.2	95.0	95.8	96.2	96.8	97.1	97.2	97.8	97.8	98.2	98.8
GE 100	76.2	83.4	87.1	90.1	92.4	93.2	95.0	95.9	96.3	97.1	97.4	97.5	98.2	98.3	98.8	99.7
GE 000	76.2	83.4	87.1	90.1	92.4	93.2	95.0	95.9	96.3	97.1	97.4	97.5	98.2	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	53.6	56.7	58.2	59.2	59.3	59.5	59.6	59.6	59.7	59.8	59.8	59.8	59.9	59.9	60.0
GE 20000	52.0	60.5	64.2	65.9	67.1	67.2	67.5	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.9	68.0
GE 18000	52.0	60.6	64.3	66.0	67.1	67.3	67.5	67.6	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.0
GE 16000	52.1	60.6	64.3	66.0	67.2	67.3	67.5	67.6	67.7	67.8	67.8	67.8	67.9	67.9	68.0	68.0
GE 14000	52.3	60.9	64.6	66.3	67.4	67.6	67.8	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.3	68.3
GE 12000	53.2	61.9	65.7	67.5	68.6	68.8	69.0	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.5	69.5
GE 10000	56.1	65.6	69.7	71.6	72.8	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.7	73.7
GE 9000	56.3	65.9	69.9	71.9	73.1	73.3	73.5	73.6	73.6	73.7	73.8	73.8	73.9	73.9	74.0	74.0
GE 8000	59.3	69.7	74.1	76.3	77.6	77.8	78.0	78.2	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.6
GE 7000	59.9	70.5	74.9	77.1	78.4	78.6	78.9	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.4	79.4
GE 6000	60.5	71.1	75.6	77.7	79.1	79.3	79.5	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.1
GE 5000	61.5	72.4	77.1	79.3	80.7	80.9	81.2	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.7	81.8
GE 4500	61.9	72.9	77.6	79.8	81.2	81.4	81.7	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.3
GE 4000	63.1	74.4	79.2	81.6	83.0	83.3	83.6	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.1	84.2
GE 3500	63.8	75.3	80.3	82.7	84.2	84.4	84.7	84.9	84.9	85.0	85.1	85.1	85.2	85.2	85.3	85.3
GE 3000	65.3	77.3	82.6	85.2	86.9	87.1	87.5	87.6	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.1
GE 2500	65.8	78.1	83.5	86.2	87.9	88.2	88.5	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.1	89.2
GE 2000	66.7	79.3	84.8	87.6	89.4	89.7	90.1	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.8
GE 1800	66.9	79.5	85.1	87.9	89.7	90.0	90.5	90.7	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.1
GE 1500	67.4	80.2	85.9	88.9	90.8	91.1	91.6	91.8	91.8	91.9	92.0	92.0	92.1	92.1	92.2	92.3
GE 1200	67.9	80.9	86.8	89.9	91.8	92.1	92.7	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.4	93.4
GE 1000	68.1	81.3	87.4	90.5	92.6	92.9	93.5	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.2	94.2
GE 900	68.3	81.6	87.7	90.9	93.0	93.3	93.9	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.7
GE 800	68.5	81.9	88.1	91.4	93.6	94.0	94.6	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.4	95.5
GE 700	68.6	82.2	88.4	91.8	94.1	94.5	95.2	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1
GE 600	68.7	82.4	88.7	92.2	94.6	95.1	95.8	96.2	96.2	96.4	96.5	96.5	96.6	96.7	96.7	96.8
GE 500	68.9	82.6	89.1	92.7	95.2	95.7	96.6	97.0	97.1	97.3	97.4	97.4	97.5	97.6	97.6	97.7
GE 400	68.9	82.7	89.3	92.9	95.5	96.0	97.0	97.5	97.6	97.8	97.9	97.9	98.1	98.1	98.2	98.3
GE 300	68.9	82.8	89.3	93.0	95.7	96.3	97.4	97.9	98.0	98.3	98.5	98.5	98.7	98.7	98.8	98.9
GE 200	68.9	82.8	89.4	93.1	95.8	96.4	97.5	98.1	98.3	98.7	98.9	98.9	99.1	99.2	99.3	99.5
GE 100	68.9	82.8	89.4	93.1	95.8	96.4	97.5	98.1	98.3	98.7	99.0	99.0	99.3	99.4	99.6	99.9
GE 000	68.9	82.8	89.4	93.1	95.8	96.4	97.5	98.1	98.3	98.7	99.0	99.0	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 87638

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	33.8	15.6	12.2	34.7	3.8	50.6	2.0	930
03-05	34.5	15.3	10.1	36.6	3.5	50.2	3.8	930
06-08	18.7	28.2	18.9	31.2	3.0	53.1	3.8	930
09-11	14.7	26.7	23.3	33.4	1.8	58.6	1.8	930
12-14	13.4	27.3	25.3	33.4	.5	59.2	1.3	930
15-17	11.4	30.5	23.7	34.0	.4	58.1	.8	930
18-20	22.5	24.8	17.3	34.3	1.1	52.7	1.1	930
21-23	31.5	20.1	14.3	31.0	3.1	48.4	1.5	930
ALL HOURS	22.6	23.6	18.1	33.6	2.2	53.9	2.0	7440

MONTH: FEB HOURS: ALL

00-02	30.7	19.9	16.3	31.0	2.1	49.4	2.0	846
03-05	29.9	17.7	18.0	33.0	1.4	52.4	3.0	846
06-08	16.3	26.5	23.4	31.7	2.1	57.2	3.1	846
09-11	14.5	25.3	27.3	32.4	.5	60.2	1.8	846
12-14	12.3	23.6	29.7	34.4		64.1	.7	846
15-17	10.0	27.0	29.6	33.2	.2	63.0	.9	846
18-20	15.8	25.7	24.8	33.1	.6	58.5	1.5	846
21-23	25.1	22.7	20.4	30.1	1.7	52.2	1.5	846
ALL HOURS	19.3	23.5	23.7	32.4	1.1	57.1	1.8	6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	34.4	22.5	15.9	25.5	1.7	43.1	2.9	930
03-05	32.4	23.2	13.1	28.9	2.4	44.4	2.0	930
06-08	16.8	29.9	22.8	28.9	1.6	53.3	3.7	930
09-11	18.1	24.2	26.6	31.0	.2	57.7	1.8	930
12-14	14.4	31.9	25.7	28.0		53.7	1.1	930
15-17	12.2	33.1	26.5	28.3		54.7	1.2	930
18-20	15.1	32.4	25.5	26.3	.8	52.6	2.0	930
21-23	26.5	30.5	14.8	26.6	1.6	43.0	2.3	930
ALL HOURS	21.2	28.5	21.4	27.9	1.0	50.3	2.1	7440

MONTH: APR HOURS: ALL

00-02	38.1	25.3	15.8	19.1	1.7	36.6	1.3	900
03-05	34.0	25.8	15.4	21.8	3.0	40.2	2.2	900
06-08	22.1	29.8	24.0	22.3	1.8	48.1	2.9	900
09-11	21.0	30.0	28.3	20.7		49.0	.3	900
12-14	14.0	34.3	30.3	21.3		51.7	.3	900
15-17	13.4	34.1	32.1	20.3		52.4		900
18-20	17.9	32.4	27.8	21.9		49.7	.3	900
21-23	30.8	25.9	21.6	21.2	.6	43.3	.8	900
ALL HOURS	23.9	29.7	24.4	21.1	.9	46.4	1.0	7200

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	27.0	34.2	19.4	19.1	.3	38.8	.8	930
03-05	21.2	38.2	24.2	15.9	.5	40.6	3.2	930
06-08	11.6	36.8	36.1	15.3	.2	51.6	2.4	930
09-11	9.0	38.7	36.6	15.7		52.3	.1	930
12-14	3.5	44.8	34.5	17.1		51.6	.2	930
15-17	3.9	44.1	35.5	16.6		52.0	.2	930
18-20	6.9	39.2	33.5	20.2	.1	53.9	.6	930
21-23	19.1	35.6	23.7	21.3	.3	45.3	.2	930
ALL HOURS	12.8	39.0	30.4	17.6	.2	48.3	1.0	7440

MONTH: JUN HOURS: ALL

00-02	22.7	37.6	23.2	16.6		39.8	.3	900
03-05	15.9	40.9	29.6	13.0	.7	43.2	3.0	900
06-08	9.6	36.3	39.7	14.1	.3	54.1	3.3	900
09-11	6.8	43.2	37.0	13.0		50.0	.9	900
12-14	1.1	46.6	36.7	15.7		52.3	1.3	900
15-17	2.2	43.3	39.1	15.3		54.4	1.8	900
18-20	4.8	35.0	42.1	18.1		60.2	.9	900
21-23	12.9	37.0	28.4	21.7		50.1	.4	900
ALL HOURS	9.5	40.0	34.5	15.9	.1	50.5	1.5	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	15.9	40.4	27.8	15.8		43.7	1.6	930
03-05	11.1	46.1	30.8	11.8	.2	42.8	3.4	930
06-08	4.5	41.2	43.4	10.3	.5	54.3	5.3	930
09-11	4.9	37.7	45.8	11.5		57.3	2.6	930
12-14	1.9	41.0	44.2	12.9		57.1	2.9	930
15-17	3.0	40.4	43.1	13.4		56.6	3.1	930
18-20	5.6	34.7	43.8	15.9		59.7	3.7	930
21-23	10.1	42.7	29.0	18.2		47.2	2.2	930
ALL HOURS	7.1	40.5	38.5	13.7	.1	52.3	3.1	7440

MONTH: AUG HOURS: ALL

00-02	15.7	39.9	25.7	18.2	.5	44.4	3.0	930
03-05	15.7	38.8	25.4	18.2	1.9	45.5	5.1	930
06-08	6.3	37.1	39.5	16.3	.8	56.6	10.8	930
09-11	4.7	38.2	35.4	21.7		57.1	3.7	930
12-14	1.0	39.4	40.1	19.6		59.7	2.3	930
15-17	2.9	35.5	44.2	17.4		61.6	3.2	930
18-20	4.3	33.4	39.9	22.4		62.3	3.3	930
21-23	10.6	40.5	29.5	19.0	.3	48.8	2.3	930
ALL HOURS	7.7	37.8	34.9	19.1	.4	54.5	4.2	7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	29.4	28.0	20.4	21.8	.3	42.6	1.1	900
03-05	31.0	27.0	20.7	20.6	.8	42.0	3.7	900
06-08	9.0	43.3	28.1	19.4	.1	47.7	6.3	900
09-11	10.8	39.9	30.7	18.7		49.3	1.1	900
12-14	4.2	42.3	33.9	19.6		53.4	1.2	900
15-17	5.7	41.9	33.1	19.3		52.4	1.7	900
18-20	13.6	36.1	30.4	19.9		50.3	2.1	898
21-23	25.8	31.4	23.2	19.6		42.8	1.2	897
ALL HOURS	16.2	36.2	27.6	19.9	.2	47.6	2.3	7195

MONTH: OCT HOURS: ALL

00-02	41.8	24.3	12.8	20.5	.5	33.9	2.6	930
03-05	38.8	24.9	14.4	20.3	1.5	36.2	4.0	930
06-08	15.8	39.1	24.2	20.1	.8	45.1	3.7	930
09-11	19.2	34.0	27.7	19.0		46.8	.2	930
12-14	13.9	37.0	29.8	19.4		49.1		930
15-17	14.6	37.2	29.7	18.5		48.2	.4	930
18-20	23.9	33.9	21.6	20.6		42.3	.2	930
21-23	37.3	24.8	17.4	20.2	.2	37.8	.5	930
ALL HOURS	25.7	31.9	22.2	19.8	.4	42.4	1.5	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	40.1	22.1	14.1	21.1	2.6	37.8	4.2	900
03-05	39.7	22.2	14.1	21.4	2.6	38.1	5.1	900
06-08	21.9	29.7	25.7	21.2	1.6	48.4	5.0	900
09-11	19.6	28.4	28.4	22.8	.8	52.0	1.3	900
12-14	17.1	30.6	29.0	23.0	.3	52.3	.1	900
15-17	14.6	32.2	29.8	23.4		53.2	.1	900
18-20	26.4	29.3	21.7	22.6		44.2	.4	900
21-23	38.9	24.6	16.7	19.1	.8	36.6	3.4	900
ALL HOURS	27.3	27.4	22.4	21.8	1.1	45.3	2.5	7200

MONTH: DEC HOURS: ALL

00-02	37.2	20.5	13.7	26.5	2.2	42.3	3.5	930
03-05	37.7	20.0	13.5	25.9	2.8	42.3	4.8	930
06-08	18.8	32.4	22.8	23.5	2.5	48.8	5.6	930
09-11	14.4	31.7	26.6	25.4	1.9	53.9	1.9	930
12-14	11.6	29.0	29.2	29.6	.5	59.4	1.9	930
15-17	10.4	30.9	32.2	26.1	.4	58.7	2.0	930
18-20	21.1	23.8	26.8	26.9	1.5	55.2	1.8	930
21-23	31.2	21.5	17.8	27.6	1.8	47.3	2.6	930
ALL HOURS	22.8	26.2	22.8	26.4	1.7	51.0	3.0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	30.5	27.6	18.1	22.5	1.3	41.9	2.1	10956
03-05	28.5	28.4	19.1	22.2	1.8	43.1	3.6	10956
06-08	14.3	34.2	29.1	21.1	1.3	51.5	4.7	10956
09-11	13.1	33.2	31.2	22.1	.4	53.7	1.5	10956
12-14	9.0	35.7	32.4	22.8	.1	55.3	1.1	10956
15-17	8.7	35.9	33.2	22.1	.1	55.4	1.3	10956
18-20	14.8	31.8	29.6	23.5	.3	53.4	1.5	10954
21-23	25.0	29.8	21.4	22.9	.9	45.2	1.6	10953
ALL HOURS	18.0	32.1	26.8	22.4	.8	49.9	2.2	87643



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

E - 1 - 1

## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100						.6	.8	.5					.2
GE 95					.1	3.8	5.3	3.7	.6	.1			1.1
GE 90				1.2	4.4	16.4	30.3	22.5	6.8	.8			6.9
GE 85			.7	4.8	15.2	47.9	76.7	71.5	39.3	3.5	.1		21.6
GE 80	.5	.8	4.0	15.1	44.3	85.2	96.9	95.0	76.6	26.0	3.4	.3	37.3
GE 75	3.3	3.8	11.8	38.2	79.2	97.9	99.7	98.9	92.3	54.4	17.4	4.3	50.0
GE 70	10.0	12.8	28.6	62.8	93.9	99.6	100.0	99.6	98.3	78.7	42.1	13.4	61.6
GE 65	21.4	27.5	49.2	84.6	99.1	99.9		100.0	99.8	92.3	62.5	28.4	72.0
GE 60	36.4	46.4	68.5	95.8	99.9	100.0			100.0	97.5	78.5	47.8	80.8
GE 55	54.2	63.9	84.5	99.0	100.0					99.7	91.0	64.7	88.0
GE 50	71.3	78.9	94.4	99.9						99.9	96.5	81.1	93.5
GE 45	85.0	90.3	98.3	100.0						100.0	99.6	91.2	97.0
GE 40	93.8	96.5	99.7								99.9	96.6	98.9
GE 35	97.9	99.4	99.9								100.0	99.1	99.7
GE 33	98.9	99.6	99.9									99.5	99.8
GE 30	99.6	99.9	99.9									99.6	99.9
GE 25	100.0	100.0	100.0									99.9	100.0
GE 20												100.0	100.0
MEAN	55.6	58.0	63.9	72.0	78.8	84.5	87.4	86.6	82.6	74.6	66.5	58.2	72.4
SD	10.41	9.94	9.04	7.41	5.83	5.29	4.34	4.50	5.20	6.75	8.29	9.89	13.57
TOTAL OBS	1488	1355	1488	1440	1488	1424	1458	1426	1379	1420	1388	1457	17211



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.6	3.2	1.8	.4				.5
GE 75					1.1	12.5	30.9	27.4	8.8	.8			6.8
GE 70				.7	11.8	50.9	82.0	75.0	39.7	5.5	.5		22.1
GE 65			.9	8.3	41.0	79.1	95.3	93.3	67.7	16.4	3.7	.3	33.8
GE 60	1.0	1.3	7.6	26.5	65.1	92.2	99.4	99.0	86.1	35.4	10.4	3.0	43.9
GE 55	5.8	7.3	21.0	48.1	81.3	98.5	99.9	99.9	95.4	55.6	21.9	9.4	53.6
GE 50	13.0	18.0	35.3	64.1	92.6	99.9	100.0	100.0	99.1	72.0	35.6	18.5	62.3
GE 45	22.8	29.3	51.3	80.7	98.5	100.0			99.9	85.4	49.6	28.1	70.4
GE 40	38.3	43.5	69.2	92.5	99.9				100.0	94.1	68.2	42.2	79.0
GE 35	54.7	62.3	84.1	97.8	100.0					98.7	82.6	58.9	86.6
GE 33	62.3	68.9	89.4	98.8						99.3	87.2	66.0	89.3
GE 30	74.9	79.9	95.0	99.7						99.9	94.0	77.6	93.4
GE 25	90.1	93.9	99.2	100.0						100.0	99.1	91.6	97.8
GE 20	96.8	98.7	99.9								99.8	97.7	99.4
GE 15	99.5	99.8	100.0								100.0	99.4	99.9
GE 10	99.9	99.9										99.9	100.0
GE 5	100.0	100.0										100.0	100.0
MEAN	36.8	38.6	45.2	52.8	61.5	68.6	72.6	71.7	66.8	55.1	45.2	38.3	54.4
SD	10.10	10.07	9.80	8.86	7.31	5.52	4.03	4.39	6.37	9.34	10.58	10.87	15.50
TOTAL OBS	1488	1355	1488	1440	1488	1424	1458	1426	1379	1420	1388	1457	17211

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90						.2	.5	.2					.1
GE 85					.1	4.7	11.5	8.7	1.5	.1			2.2
GE 80				.3	4.1	28.2	58.5	51.3	18.8	1.1			13.5
GE 75			.5	4.4	23.9	71.3	94.0	89.0	59.9	8.9	.7	.1	29.3
GE 70	.1	.7	4.4	19.3	61.1	93.4	99.6	98.7	84.0	29.7	5.7	.6	41.4
GE 65	3.0	4.6	14.5	44.2	82.4	99.0	100.0	99.7	95.9	55.5	18.3	5.7	51.8
GE 60	10.0	13.9	32.5	65.4	95.2	99.9		100.0	99.5	76.7	37.5	15.6	62.1
GE 55	21.3	28.8	50.9	83.8	99.7	100.0			100.0	90.8	57.1	27.1	71.6
GE 50	36.0	44.3	70.1	95.5	100.0					97.5	74.8	44.3	80.2
GE 45	56.4	64.2	87.2	99.4						99.6	89.6	63.6	88.3
GE 40	75.3	81.6	96.0	100.0						100.0	97.6	82.2	94.4
GE 35	90.1	93.9	99.3								99.5	92.6	97.9
GE 33	93.2	96.5	99.5								99.7	95.7	98.7
GE 30	96.8	98.7	99.9								99.9	98.4	99.5
GE 25	99.3	99.7	100.0								100.0	99.3	99.9
GE 20	99.9	100.0										99.9	100.0
GE 15	100.0											100.0	100.0
MEAN	46.4	48.5	54.7	62.6	70.3	76.8	80.2	79.4	74.9	65.1	56.0	48.5	63.6
SD	9.56	9.38	8.82	7.47	5.84	4.73	3.62	3.94	5.27	7.43	8.77	9.72	14.20
TOTAL OBS	1488	1355	1488	1440	1488	1424	1458	1426	1379	1420	1388	1457	17211

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42											80	71	80*
43	78	74	80	83	90	101	95	96	91	85	78	81	101
44	81	79	80	84	92	100	94	96	99	89	78	68	100
45	66	80	84	85	89	94	93	94	95	90	83	67	95
46	77	70	82	91	84	95	95	96	88	82	82	78	96
47	73	70	72	85	89	93*	85*						93*
49	80	79	81	85	93	93	100	92	92	83	77	75	100
50	81	80	83	86	88	99	93	94	91	85	83	70	99
51	71	81	75	83	90	91	94	97	88	93	82	80	97
52	80	76	78	81	93	104	101	92	90	86	77	69	104
53	75	76	82	84	98	96	99	99	88	84	78	74	99
54	77	76	86	90	86	103	98	104	92	92	75	69	104
55	77	79	84	87	90	93	94	94	88	84	82	77	94
56	70	81	76	84	94	94	95	99	94	87	62*	77	99*
57	79	80	73	82	89	91	95	95	92	79	75	71	95
58	62	70	72	89	85	98	93	96	93	84	81	73	98
59	68	76	76	86	88	100	92	93	91	88	78	68	100
60	76	70	73	83	93	93	95	95	90	85	78	72	95
61	67	74	80	86	80	91	97	94	95	84	78	72	97
62	76	83	71	86	93	90	95	90	86	91	74	71	95
63	70	72	88	92	93	97	94	90	91	82	75	66	97
64	70	66	75	87	93	94	86	94	89	84	80	72	94
65	73	76	82	86	92	94	92	92	86	81	76	71	94
66	76	70	76	82	89	89	96	92	94	88	78	76	96
67	73	73	87	90	91	88	91	89	84	81	76	78	91
68	66	72	81	81	84	97	97	97	89	85	77	70	97
69	73	73	70	80	84	92	95	93	88	84	78	70	95
70	75	71	78	90	91	95	98	96	92	84	77	77	98
71	70	73	72	88	89	94	92	96	86	85	81	84	96
72	77	80	78	91	84	90	96	98	94	93	84	75	98
73	74	68	86	81	93	89	92	93	90	85	85	76	93
74	81	78	88	89	90	92	93	90	91	81	84	77	93
75	82	75	82	90	91	94	90	97	97	84	81	73	97

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	71	77	83	90	84	93	98	92	87	84	76	73	98
77	65	80	88	88	92	97	101	93	91	89	79	75	101
78	63	70	75	87	91	93	92	92	92	84	80	80	93
79	72	71	81	82	83	91	96	94	87	83	80	70	96
80	67	76	72	93	86	95	98	96	96	82	78	76	98
81	70	72	82	93	88	93	102	94	89	88	76	75	102
82	68	79	82	75	89	93	94	97	90	85	79	76	97
83	61	61	72	79	82	94	101	100	94	84	76	76	101
84	68	70	81	84	92	95	95	94	93	83	79	78	95
85	76	74	82	89	86	96	94	87	91	85	80	73	96
86	70	73	80	87	91	95	103	100	95	96	83	73	103
87	68	71	77	89	90	92	98	95	93	78	83	75	98
88	68	71	79	84	93	94	94	99	92	82*	80	78	99*
89	74	84	81	90	92	93	97	100	88	88	83	69	100
90	74	77	86	91	92	104	102	94	91	85	78	77	104
91	72	78	84	86	90	95	95						95*
.....													
GREATEST	82	84	88	93	98	104	103	104	99	96	85	84	104
.....													
TOTAL OBS	1488	1355	1488	1440	1488	1424	1458	1426	1379	1420	1388	1457	17211

THE GREATEST VALUE OF 104 OCCURRED ON 06/26/52

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42											28	17	17*
43	18	13	19	30	41	60	65	61	50	36	23	12	12
44	19	21	27	29	45	56	59	58	55	31	29	17	17
45	22	20	34	42	44	52	68	56	65	38	25	16	16
46	20	26	32	36	49	48	57	60	55	39	32	23	20
47	25	17	26	45	39	59*	76*						17*
49	30	30	26	34	46	56	65	67	51	43	24	25	24
50	27	22	24	28	50	54	65	58	46	40	16	17	16
51	18	18	31	36	45	57	54	59	54	43	20	17	17
52	17	21	28	33	44	59	59	54	53	25	27	20	17
53	25	26	29	29	51	49	61	58	53	37	28	16	16
54	21	25	22	39	42	55	62	59	55	32	23	15	15
55	23	17	25	35	47	54	62	63	61	36	22	17	17
56	22	28	26	35	43	54	64	63	47	45	26*	29	22*
57	18	29	32	37	45	64	66	60	42	32	29	17	17
58	19	9	33	40	49	56	63	65	55	38	30	20	9
59	19	22	35	40	49	56	67	67	56	43	26	29	19
60	19	25	21	34	48	55	66	65	56	35	27	14	14
61	16	25	34	37	45	57	63	62	52	35	25	22	16
62	16	24	28	34	49	62	63	64	48	32	31	11	11
63	18	20	30	35	36	61	59	63	49	35	29	22	18
64	18	24	25	38	49	57	61	61	55	34	33	24	18
65	20	22	27	41	52	55	62	61	59	33	28	21	20
66	15	20	29	33	46	50	64	61	56	41	28	23	15
67	25	16	25	36	43	54	63	61	45	38	25	23	16
68	20	19	28	37	47	59	67	60	59	35	28	21	19
69	19	26	28	38	45	60	70	65	57	39	27	21	19
70	13	24	29	38	49	61	68	65	47	35	18	24	13
71	19	23	27	36	41	58	65	68	60	49	30	29	19
72	15	23	31	30	51	52	63	68	58	34	25	19	15
73	22	14	34	39	43	60	67	64	64	41	28	22	14
74	31	21	31	34	52	60	64	66	54	36	29	27	21
75	26	31	25	36	56	65	65	66	60	38	32	21	21

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	15	25	32	31	44	57	68	63	56	32	28	22	15
77	17	21	35	43	45	55	65	67	58	40	29	24	17
78	19	19	23	42	46	59	67	70	61	43	36	27	19
79	25	22	34	47	51	58	66	59	63	42	29	25	22
80	28	22	20	40	45	58	68	64	62	39	33	22	20
81	14	24	32	42	42	59	63	64	50	37	29	17	14
82	14	31	31	32	48	61	69	61	53	40	32	26	14
83	19	26	28	29	47	53	64	63	47	40	32	11	11
84	19	23	30	39	48	52	65	62	53	47	30	27	19
85	7	22	30	32	45	59	64	61	49	47	41	19	7
86	16	25	30	38	46	64	70	55	58	42	32	30	16
87	26	30	31	36	46	60	63	68	57	38	31	28	26
88	19	22	30	40	47	52	60	70	62	37*	36	25	19*
89	29	24	32	35	40	69	64	65	56	40	30	9	9
90	28	29	34	41	50	57	67	68	49	36	33	29	28
91	24	19	33	42	53	57	71						19*
LEAST	7	9	19	28	36	48	54	54	42	25	16	9	7
TOTAL OBS	1488	1355	1488	1440	1488	1424	1458	1426	1379	1420	1388	1457	17211

THE LEAST VALUE OF 7 OCCURRED ON 01/21/85

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42											57	47	52*
43	47	48	52	59	70	81	79	79	71	62	51	46	62
44	47	51	53	60	71	78	77	77	76	63	53	42	62
45	45	50	61	66	67	77	79	78	78	64	56	43	64
46	47	49	58	61	69	75	77	76	73	65	60	50	63
47	52	42	47	64	70	76*	80*						57*
49	55	55	55	62	70	77	81	80	73	69	54	50	65
50	57	52	52	60	71	78	78	77	74	67	52	41	63
51	47	48	54	61	68	76	79	80	74	68	52	51	63
52	53	48	54	60	71	81	80	79	74	60	54	46	63
53	50	50	55	61	75	76	80	78	74	65	53	49	64
54	48	52	54	65	66	77	80	80	75	64	53	44	63
55	45	48	58	65	72	74	81	79	75	64	54	45	63
56	43	53	54	61	70	76	81	80	72	67	44*	57	64*
57	48	53	54	64	71	77	79	77	75	61	57	49	64
58	41	41	50	62	70	76	81	80	75	62	59	44	62
59	45	51	54	63	73	77	79	80	75	69	56	49	64
60	46	46	44	64	70	77	79	80	75	66	55	42	62
61	42	50	58	58	67	75	80	79	76	62	56	48	63
62	45	51	50	60	73	76	80	77	72	65	53	44	62
63	44	44	58	64	68	76	78	79	71	64	55	42	62
64	46	45	54	62	70	77	77	77	73	61	59	51	63
65	46	48	52	61	73	76	79	78	74	63	55	46	63
66	42	47	52	61	69	73	80	79	75	66	55	47	62
67	49	45	55	63	67	72	77	76	68	62	52	52	62
68	41	42	53	63	69	77	80	81	74	65	54	45	62
69	43	46	51	63	70	79	83	80	74	67	53	46	63
70	40	47	55	65	71	79	81	81	77	66	54	51	64
71	45	48	50	61	69	77	79	80	76	70	56	59	64
72	52	48	55	62	69	74	81	82	78	67	55	53	65
73	46	46	60	63	71	78	80	79	78	68	60	50	65
74	59	51	60	64	72	75	78	78	75	62	56	53	65
75	53	53	58	64	75	80	80	83	79	68	60	49	67

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: +05

PERIOD OF RECORD: 4211-4707,4901-9107  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	45	54	60	63	69	75	80	78	75	63	53	50	64
77	40	48	62	67	72	78	84	81	79	63	61	50	65
78	42	40	52	65	70	78	82	82	78	66	62	53	64
79	46	44	57	66	71	75	81	80	75	64	58	47	64
80	48	44	53	64	71	78	82	80	79	63	55	47	64
81	40	49	54	68	67	79	81	79	75	62	55	46	63
82	43	51	56	60	70	79	83	82	75	65	59	54	65
83	43	45	54	60	68	75	81	82	76	68	56	49	63
84	45	50	55	62	72	77	81	81	72	71	55	56	65
85	42	48	56	63	69	78	80	77	74	70	65	47	64
86	46	53	55	65	72	81	86	81	77	69	61	50	66
87	45	46	53	59	71	78	81	81	76	60	59	52	64
88	41	48	54	62	70	74	80	82	76	60*	58	49	63*
89	53	53	57	62	69	79	81	79	75	67	58	41	65
90	52	57	60	64	72	80	83	79	75	69	59	55	67
91	48	52	58	67	74	77	82						65*
.....													
MEAN	46.4	48.5	54.7	62.6	70.3	76.8	80.2	79.4	74.9	65.1	56.0	48.5	63.6
.....													
TOTAL OBS	1488	1355	1488	1440	1488	1424	1458	1426	1379	1420	1388	1457	17211

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	42.9	10.034	930	0	141	7	0	0	930
03-05	41.6	10.369	930	0	183	10	0	0	930
06-08	40.7	10.542	930	0	204	11	0	0	930
09-11	46.5	10.243	930	0	81	39	0	0	930
12-14	51.3	9.907	930	0	30	92	0	0	930
15-17	51.1	9.125	930	0	27	61	0	0	930
18-20	46.5	8.869	930	0	60	10	0	0	930
21-23	44.1	9.508	930	0	107	11	0	0	930
ALL HOURS	45.6	10.536	7440	0	833	241	0	0	7440

MONTH: FEB

00-02	46.9	10.206	846	0	62	31	0	0	846
03-05	45.6	10.741	846	0	97	32	0	0	846
06-08	45.0	10.902	846	0	115	29	0	0	846
09-11	51.6	10.483	846	0	18	114	0	0	846
12-14	55.8	10.182	846	0	4	193	3	0	846
15-17	55.4	9.427	846	0	0	160	0	0	846
18-20	51.2	8.686	846	0	10	57	0	0	846
21-23	48.5	9.469	846	0	41	32	0	0	846
ALL HOURS	50.0	10.787	6768	0	347	648	3	0	6768

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	52.0	9.297	930	0	5	82	0	0	930
03-05	50.2	9.866	930	0	22	63	0	0	930
06-08	50.5	9.824	930	0	31	63	0	0	930
09-11	58.3	9.463	930	0	3	266	3	0	930
12-14	62.1	9.118	930	0	0	396	17	0	930
15-17	61.5	8.519	930	0	0	353	12	0	930
18-20	57.2	7.909	930	0	0	180	1	0	930
21-23	54.4	8.554	930	0	3	121	0	0	930
ALL HOURS	55.8	10.097	7440	0	64	1524	33	0	7440

MONTH: APR

00-02	58.0	8.082	900	0	2	222	0	0	900
03-05	55.8	8.705	900	0	5	159	0	0	900
06-08	57.5	8.731	900	0	3	211	0	0	900
09-11	66.1	8.109	900	0	0	536	37	0	900
12-14	69.3	7.717	900	0	0	659	85	0	900
15-17	68.5	7.286	900	0	0	663	60	0	900
18-20	64.3	6.902	900	0	0	459	17	0	900
21-23	60.8	7.428	900	0	0	311	1	0	900
ALL HOURS	62.5	9.304	7200	0	10	3220	200	0	7200

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	66.7	6.595	930	0	0	649	0	0	930
03-05	64.6	7.169	930	0	0	545	0	0	930
06-08	67.3	7.186	930	0	0	649	18	0	930
09-11	75.1	6.057	930	0	0	878	206	0	930
12-14	77.1	5.699	930	0	0	916	311	0	930
15-17	76.1	5.316	930	0	0	914	234	0	930
18-20	72.3	5.131	930	0	0	855	57	0	930
21-23	69.1	5.707	930	0	0	740	1	0	930
ALL HOURS	71.0	7.577	7440	0	0	6146	827	0	7440

MONTH: JUN

00-02	73.3	5.176	900	0	0	829	66	0	900
03-05	71.4	5.550	900	0	0	786	34	0	900
06-08	74.0	5.430	900	0	0	844	131	0	900
09-11	81.3	4.752	900	0	0	896	631	9	900
12-14	83.4	5.027	900	0	0	897	743	34	900
15-17	82.0	4.520	900	0	0	898	680	17	900
18-20	78.6	4.329	900	0	0	896	390	1	900
21-23	75.7	4.688	900	0	0	874	159	0	900
ALL HOURS	77.5	6.525	7200	0	0	6920	2834	61	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910      STATION NAME: MYRTLE BEACH AFB SC      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 5      MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	77.4	3.985	930	0	0	925	286	0	930
03-05	75.7	4.154	930	0	0	914	158	0	930
06-08	77.8	4.374	930	0	0	925	337	0	930
09-11	84.9	4.262	930	0	0	930	839	35	930
12-14	86.9	4.691	930	0	0	930	884	102	930
15-17	85.5	4.542	930	0	0	930	852	49	930
18-20	82.2	3.908	930	0	0	930	725	3	930
21-23	79.4	3.840	930	0	0	930	511	0	930
ALL HOURS	81.2	5.747	7440	0	0	7414	4592	189	7440

MONTH: AUG

00-02	76.5	4.344	930	0	0	924	244	0	930
03-05	74.8	4.300	930	0	0	907	117	0	930
06-08	76.1	4.797	930	0	0	911	220	0	930
09-11	83.0	5.224	930	0	0	922	742	14	930
12-14	85.5	5.389	930	0	0	924	829	78	930
15-17	84.3	4.995	930	0	0	927	798	34	930
18-20	80.7	4.528	930	0	0	922	615	1	930
21-23	78.3	4.309	930	0	0	924	425	0	930
ALL HOURS	79.9	6.148	7440	0	0	7361	3990	127	7440

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	70.8	6.351	900	0	0	749	36	0	900
03-05	69.1	6.505	900	0	0	694	17	0	900
06-08	69.8	6.712	900	0	0	712	33	0	900
09-11	77.7	6.480	900	0	0	872	397	1	900
12-14	81.0	5.909	900	0	0	890	574	9	900
15-17	80.1	5.269	900	0	0	890	510	6	900
18-20	76.0	5.475	898	0	0	864	266	0	898
21-23	73.0	6.085	897	0	0	789	114	0	897
ALL HOURS	74.7	7.500	7195	0	0	6460	1947	16	7195

MONTH: OCT

00-02	61.2	9.604	930	0	0	366	3	0	930
03-05	59.7	9.709	930	0	0	328	0	0	930
06-08	60.3	9.536	930	0	0	338	6	0	930
09-11	69.1	8.550	930	0	0	644	121	0	930
12-14	73.4	7.564	930	0	0	831	221	6	930
15-17	72.4	6.983	930	0	0	823	132	4	930
18-20	66.5	8.123	930	0	0	567	21	0	930
21-23	63.3	9.139	930	0	0	434	10	0	930
ALL HOURS	65.7	10.105	7440	0	0	4331	514	10	7440

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	54.4	10.310	900	0	7	190	0	0	900
03-05	52.8	10.682	900	0	16	158	0	0	900
06-08	52.7	10.817	900	0	16	159	0	0	900
09-11	61.1	9.363	900	0	0	385	5	0	900
12-14	66.2	7.989	900	0	0	546	18	0	900
15-17	64.7	7.150	900	0	0	488	2	0	900
18-20	58.8	8.542	900	0	0	267	0	0	900
21-23	55.9	9.596	900	0	1	198	0	0	900
ALL HOURS	58.3	10.563	7200	0	40	2391	25	0	7200

MONTH: DEC

00-02	46.2	11.567	930	0	106	52	0	0	930
03-05	44.9	11.978	930	0	151	51	0	0	930
06-08	44.4	11.952	930	0	165	53	0	0	930
09-11	50.9	11.605	930	0	52	133	0	0	930
12-14	56.0	11.028	930	0	19	231	0	0	930
15-17	55.1	9.868	930	0	16	181	0	0	930
18-20	50.0	10.048	930	0	40	77	0	0	930
21-23	47.7	11.042	930	0	77	52	0	0	930
ALL HOURS	49.4	11.921	7440	0	626	830	0	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	60.6	14.445	10956	0	323	5026	635	0	10956
03-05	58.9	14.543	10956	0	474	4647	326	0	10956
06-08	59.7	15.392	10956	0	534	4905	745	0	10956
09-11	67.2	15.305	10956	0	154	6515	2981	59	10956
12-14	70.7	14.255	10956	0	53	7505	3685	229	10956
15-17	69.8	13.679	10956	0	43	7288	3280	110	10956
18-20	65.4	14.089	10954	0	110	6084	2092	5	10954
21-23	62.6	14.325	10953	0	---	5416	1221	0	10953
ALL HOURS	64.4	15.137	87643	0	1920	47486	14965	403	87643

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURLY LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	39.7	10.332	930	249	162	0	0	0	930
03-05	38.7	10.725	930	281	163	1	0	0	930
06-08	37.9	10.931	930	312	150	0	0	0	930
09-11	42.0	10.622	930	169	217	1	0	0	930
12-14	44.8	10.123	930	105	296	5	0	0	930
15-17	44.8	9.524	930	99	294	1	0	0	930
18-20	42.4	9.465	930	135	220	0	0	0	930
21-23	40.8	9.859	930	194	174	0	0	0	930
ALL HOURS	41.4	10.490	7440	1544	1676	8	0	0	7440

MONTH: FEB

HOURLY LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	44.0	10.647	846	130	279	1	0	0	846
03-05	42.9	11.196	846	162	255	0	0	0	846
06-08	42.4	11.387	846	191	235	6	0	0	846
09-11	46.5	10.891	846	85	323	22	0	0	846
12-14	48.8	10.171	846	45	385	30	0	0	846
15-17	48.9	9.512	846	29	396	16	0	0	846
18-20	46.9	9.419	846	49	355	2	0	0	846
21-23	45.3	10.083	846	95	308	0	0	0	846
ALL HOURS	45.7	10.677	6768	786	2536	77	0	0	6768



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.8	9.654	930	45	471	8	0	0	930
03-05	47.3	10.222	930	72	409	7	0	0	930
06-08	47.4	10.227	930	85	420	8	0	0	930
09-11	51.8	9.718	930	27	540	43	0	0	930
12-14	53.8	9.062	930	8	635	72	0	0	930
15-17	53.8	8.433	930	3	645	55	0	0	930
18-20	52.0	8.294	930	8	580	17	0	0	930
21-23	50.5	8.955	930	25	521	11	0	0	930
ALL HOURS	50.7	9.642	7440	273	4221	221	0	0	7440

MONTH: APR

00-02	54.1	8.731	900	7	609	34	6	0	900
03-05	52.4	9.171	900	12	561	32	3	0	900
06-08	53.4	9.173	900	11	590	42	5	0	900
09-11	57.5	8.621	900	0	712	118	16	0	900
12-14	59.1	8.183	900	0	780	169	25	0	900
15-17	59.0	7.597	900	0	792	146	20	0	900
18-20	57.5	7.548	900	0	745	86	13	0	900
21-23	56.0	8.171	900	2	684	68	8	0	900
ALL HOURS	56.1	8.759	7200	32	5473	695	96	0	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	63.2	7.011	930	0	890	339	64	0	930
03-05	61.7	7.461	930	0	852	277	43	0	930
06-08	63.4	7.375	930	0	871	369	73	0	930
09-11	66.6	6.609	930	0	923	543	182	2	930
12-14	67.7	6.275	930	0	930	593	223	1	930
15-17	67.6	5.876	930	0	930	593	190	2	930
18-20	66.3	5.965	930	0	927	516	138	0	930
21-23	64.8	6.374	930	0	918	417	93	0	930
ALL HOURS	65.1	6.954	7440	0	7241	3647	1006	5	7440

MONTH: JUN

00-02	69.5	4.939	900	0	899	698	286	0	900
03-05	68.3	5.282	900	0	897	634	206	0	900
06-08	69.7	5.008	900	0	899	697	314	3	900
09-11	72.6	4.533	900	0	900	796	549	18	900
12-14	73.6	4.468	900	0	900	825	632	37	900
15-17	73.4	4.283	900	0	900	827	610	38	900
18-20	72.0	4.316	900	0	900	798	505	12	900
21-23	70.8	4.531	900	0	900	753	399	3	900
ALL HOURS	71.2	4.995	7200	0	7195	6028	3501	111	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	73.5	3.471	930	0	930	887	624	8	930
03-05	72.5	3.725	930	0	930	860	562	4	930
06-08	73.6	3.604	930	0	930	885	649	17	930
09-11	76.3	3.390	930	0	930	915	814	145	930
12-14	77.3	3.432	930	0	930	923	842	254	930
15-17	77.0	3.311	930	0	930	924	831	221	930
18-20	75.8	3.197	929	0	929	917	787	107	929
21-23	74.6	3.269	930	0	930	908	713	31	930
ALL HOURS	75.1	3.805	7439	0	7439	7219	5822	787	7439

MONTH: AUG

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	72.7	3.835	930	0	930	864	543	7	930
03-05	71.7	3.977	930	0	930	847	450	1	930
06-08	72.4	4.045	930	0	930	860	513	11	930
09-11	75.2	3.926	930	0	930	896	767	82	930
12-14	76.3	3.909	930	0	930	908	811	184	930
15-17	75.9	3.745	930	0	930	913	783	150	930
18-20	74.6	3.735	930	0	930	900	721	67	930
21-23	73.5	3.856	930	0	930	871	633	24	930
ALL HOURS	74.0	4.237	7440	0	7440	7059	5221	526	7440

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	67.0	6.614	900	0	888	551	195	2	900
03-05	65.8	6.826	900	0	881	503	129	1	900
06-08	66.1	7.010	900	0	880	507	167	0	900
09-11	69.9	6.391	900	0	900	664	384	9	900
12-14	71.5	5.885	900	0	900	716	462	36	900
15-17	71.3	5.522	900	0	900	722	448	35	900
18-20	69.9	5.768	898	0	898	686	358	4	898
21-23	68.4	6.196	897	0	892	626	268	1	897
ALL HOURS	68.7	6.667	7195	0	7139	4975	2411	88	7195

MONTH: OCT

00-02	57.8	9.897	930	0	717	230	55	0	930
03-05	56.6	10.046	930	0	683	189	39	0	930
06-08	56.8	9.981	930	0	683	195	40	0	930
09-11	61.5	8.927	930	0	829	318	123	0	930
12-14	63.5	8.326	930	0	875	400	170	0	930
15-17	63.5	8.026	930	0	877	386	150	0	930
18-20	61.4	8.692	930	0	833	311	101	0	930
21-23	59.4	9.453	930	0	767	257	82	0	930
ALL HOURS	60.1	9.580	7440	0	6264	2286	760	0	7440

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.1	10.800	900	32	507	62	0	0	900
03-05	49.7	11.098	900	54	472	55	0	0	900
06-08	49.6	11.213	900	55	454	60	0	0	900
09-11	54.7	10.198	900	8	594	142	3	0	900
12-14	57.2	9.251	900	0	690	189	6	0	900
15-17	56.9	8.787	900	0	691	149	2	0	900
18-20	54.3	9.511	900	3	596	78	0	0	900
21-23	52.2	10.228	900	17	541	61	0	0	900
ALL HOURS	53.2	10.535	7200	169	4545	796	11	0	7200

MONTH: DEC

00-02	42.9	12.035	930	213	299	9	0	0	930
03-05	41.9	12.395	930	239	265	8	0	0	930
06-08	41.4	12.478	930	244	249	10	0	0	930
09-11	45.7	11.990	930	116	352	30	0	0	930
12-14	48.6	11.223	930	65	424	45	0	0	930
15-17	48.4	10.518	930	58	426	29	0	0	930
18-20	45.8	10.907	930	103	366	6	0	0	930
21-23	44.1	11.607	930	169	338	5	0	0	930
ALL HOURS	44.8	11.942	7440	1207	2719	142	0	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	57.1	14.407	10956	676	7581	3683	1773	17	10956
03-05	55.8	14.636	10956	820	7298	3413	1432	6	10956
06-08	56.2	15.157	10956	898	7291	3639	1761	31	10956
09-11	60.1	14.366	10956	405	8150	4488	2838	256	10956
12-14	61.9	13.568	10956	223	8675	4875	3171	512	10956
15-17	61.8	13.223	10956	189	8711	4761	3034	446	10956
18-20	60.0	13.666	10953	298	8279	4317	2623	190	10953
21-23	58.4	14.104	10953	502	7903	3977	2196	59	10953
ALL HOURS	58.9	14.327	87642	4011	63888	33153	18828	1517	87642

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	34.8	13.524	930	286	439	867	1	930
03-05	34.0	13.733	930	312	391	866	4	930
06-08	33.3	13.995	930	321	373	865	0	930
09-11	35.2	14.819	930	277	446	834	3	930
12-14	35.9	15.431	930	266	465	831	3	930
15-17	36.2	14.868	930	255	499	843	0	930
18-20	36.4	13.652	930	234	511	875	2	930
21-23	35.7	13.263	930	242	463	874	0	930
ALL HOURS	35.2	14.226	7440	2193	3587	6855	13	7440

MONTH: FEB

00-02	40.2	13.325	846	159	517	709	10	846
03-05	39.2	13.769	846	187	471	717	12	846
06-08	38.6	13.976	846	200	451	717	10	846
09-11	40.0	14.910	846	198	506	690	21	846
12-14	40.6	14.699	846	152	511	686	18	846
15-17	41.4	13.820	846	145	541	698	10	846
18-20	41.7	13.092	846	125	571	716	10	846
21-23	41.2	13.005	846	131	545	705	5	846
ALL HOURS	40.4	13.888	6768	1297	4113	5638	96	6768

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.2	11.989	930	83	706	714	14	930
03-05	44.0	12.461	930	95	666	736	17	930
06-08	43.7	12.621	930	105	656	746	15	930
09-11	44.9	13.656	930	102	658	678	35	930
12-14	45.7	13.374	930	97	680	652	41	930
15-17	46.2	12.521	930	75	706	669	39	930
18-20	46.6	11.632	930	58	736	699	29	930
21-23	46.5	11.412	930	61	728	693	22	930
ALL HOURS	45.4	12.535	7440	676	5536	5587	212	7440

MONTH: APR

00-02	50.3	11.252	900	25	777	526	51	900
03-05	49.1	11.230	900	33	763	570	38	900
06-08	49.5	11.538	900	33	760	563	46	900
09-11	49.9	12.823	900	63	750	530	75	900
12-14	50.3	13.208	900	68	748	507	107	900
15-17	50.9	12.565	900	56	777	516	102	900
18-20	51.5	11.604	900	36	789	497	83	900
21-23	51.8	10.845	900	16	804	508	80	900
ALL HOURS	50.4	11.957	7200	330	6168	4217	582	7200

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	60.9	8.238	930	0	925	244	353	930
03-05	59.7	8.594	930	0	921	281	308	930
06-08	60.7	8.766	930	0	921	240	372	930
09-11	61.2	9.549	930	0	915	219	419	930
12-14	61.9	9.462	930	0	914	212	452	930
15-17	62.3	9.023	930	0	920	204	466	930
18-20	62.5	8.205	930	0	928	182	456	930
21-23	61.9	7.958	930	0	927	200	408	930
ALL HOURS	61.4	8.812	7440	0	7371	1782	3234	7440

MONTH: JUN

00-02	67.4	5.620	900	0	900	44	687	900
03-05	66.6	5.698	900	0	900	47	636	900
06-08	67.5	5.739	900	0	900	43	677	900
09-11	68.3	6.097	900	0	900	45	719	900
12-14	68.8	6.362	900	0	900	46	727	900
15-17	69.2	6.111	900	0	900	38	743	900
18-20	68.8	5.572	900	0	900	30	729	900
21-23	68.4	5.301	900	0	900	22	711	900
ALL HOURS	68.1	5.920	7200	0	7200	315	5629	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	71.7	3.774	930	0	930	0	875	930
03-05	71.0	4.036	930	0	930	5	858	930
06-08	71.7	3.966	930	0	930	4	873	930
09-11	72.6	4.413	930	0	930	7	882	930
12-14	73.3	4.595	930	0	930	5	880	930
15-17	73.5	4.471	930	0	930	5	893	930
18-20	73.1	4.171	929	0	929	4	899	929
21-23	72.5	3.783	930	0	930	0	900	930
ALL HOURS	72.4	4.296	7439	0	7439	30	7060	7439

MONTH: AUG

00-02	71.0	4.217	930	0	930	6	861	930
03-05	70.2	4.254	930	0	930	7	850	930
06-08	70.6	4.320	930	0	930	7	853	930
09-11	71.8	4.530	930	0	930	7	866	930
12-14	72.4	4.771	930	0	930	8	871	930
15-17	72.3	4.623	930	0	930	6	873	930
18-20	71.8	4.381	930	0	930	2	870	930
21-23	71.4	4.280	930	0	930	6	858	930
ALL HOURS	71.4	4.544	7440	0	7440	49	6902	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	64.8	7.546	900	0	900	125	556	900
03-05	63.8	7.792	900	0	899	154	509	900
06-08	63.9	8.068	900	0	900	159	508	900
09-11	65.6	8.159	900	0	900	135	596	900
12-14	66.5	8.008	900	0	900	119	627	900
15-17	66.6	7.807	900	0	900	103	631	900
18-20	66.5	7.326	898	0	898	97	631	898
21-23	65.8	7.229	897	0	897	105	602	897
ALL HOURS	65.4	7.853	7195	0	7194	997	4660	7195

MONTH: OCT

00-02	55.1	11.260	930	4	866	458	232	930
03-05	53.9	11.464	930	9	851	482	201	930
06-08	54.0	11.476	930	7	852	482	219	930
09-11	55.8	11.819	930	7	860	431	275	930
12-14	56.3	12.079	930	11	860	408	307	930
15-17	57.0	11.745	930	8	876	380	325	930
18-20	57.6	10.573	930	1	904	384	298	930
21-23	56.4	10.922	930	0	887	431	263	930
ALL HOURS	55.7	11.509	7440	47	6956	3456	2120	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	47.6	12.929	900	67	683	599	80	900
03-05	46.3	13.229	900	81	671	625	75	900
06-08	46.1	13.314	900	90	668	623	74	900
09-11	48.4	14.051	900	80	696	555	133	900
12-14	48.9	14.306	900	83	694	527	134	900
15-17	49.5	13.912	900	89	710	526	128	900
18-20	49.9	12.445	900	37	735	545	116	900
21-23	48.4	12.580	900	54	708	580	81	900
ALL HOURS	48.1	13.439	7200	581	5565	4580	821	7200

MONTH: DEC

00-02	38.1	15.169	930	245	501	792	21	930
03-05	37.3	15.364	930	267	459	789	22	930
06-08	36.8	15.467	930	276	442	784	19	930
09-11	39.0	15.881	930	245	500	763	38	930
12-14	39.7	16.023	930	226	536	754	45	930
15-17	40.3	15.553	930	204	566	757	36	930
18-20	40.1	15.005	930	189	565	785	18	930
21-23	39.1	15.051	930	226	531	787	17	930
ALL HOURS	38.8	15.501	7440	1878	4100	6211	216	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	54.0	16.439	10956	869	9074	5084	3741	10956
03-05	53.0	16.623	10956	984	8852	5279	3530	10956
06-08	53.1	17.071	10956	1032	8783	5233	3666	10956
09-11	54.4	17.272	10956	972	8991	4894	4062	10956
12-14	55.1	17.378	10956	903	9068	4755	4212	10956
15-17	55.5	16.922	10956	832	9255	4745	4246	10956
18-20	55.6	16.223	10953	680	9396	4816	4141	10953
21-23	55.0	16.187	10953	730	9250	4911	3947	10953
ALL HOURS	54.5	16.797	87642	7002	72669	39717	31545	87642

E - 5 - 3 - 7

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.5	95.4	87.0	76.3	63.8	48.1	21.8	73.9	930
03-05	100.0	100.0	99.2	97.4	89.0	76.9	64.1	47.7	22.9	74.6	930
06-08	100.0	99.9	99.8	96.9	89.9	78.6	66.3	48.3	22.9	75.0	930
09-11	100.0	99.5	96.6	87.0	74.6	60.6	48.7	34.3	15.1	66.5	930
12-14	100.0	97.8	88.9	73.8	58.7	48.0	37.3	25.8	11.0	58.6	930
15-17	100.0	97.8	86.9	75.3	62.8	52.8	39.1	27.0	10.6	59.9	930
18-20	100.0	99.8	96.6	88.8	78.9	69.7	56.8	38.8	17.5	69.4	930
21-23	100.0	100.0	98.8	94.2	85.2	75.6	63.5	47.4	21.9	73.3	930
ALL HOURS	100.0	99.4	95.8	88.6	78.3	67.3	55.0	39.7	18.0	68.9	7440

MONTH: FEB

00-02	100.0	100.0	99.4	97.3	92.1	83.9	73.6	58.5	30.0	78.5	846
03-05	100.0	100.0	100.0	97.2	93.7	85.3	73.6	59.6	30.6	78.9	846
06-08	100.0	100.0	99.9	97.6	94.6	85.0	74.2	57.9	29.9	78.8	846
09-11	100.0	99.5	96.0	88.1	76.5	61.9	49.5	33.0	14.3	66.5	846
12-14	100.0	97.9	92.0	81.6	63.6	48.3	36.3	22.8	10.2	59.7	846
15-17	100.0	98.5	93.1	83.5	69.4	55.6	40.0	25.3	11.9	62.1	846
18-20	100.0	99.9	96.7	91.5	85.9	76.1	62.5	44.2	20.0	72.1	846
21-23	100.0	100.0	98.7	96.3	90.1	81.3	72.6	55.3	26.5	76.9	846
ALL HOURS	100.0	99.5	97.0	91.6	83.2	72.2	60.3	44.6	21.7	71.7	6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	98.1	93.2	86.8	75.9	57.7	28.8	78.8	930
03-05	100.0	100.0	99.7	98.2	94.9	88.3	77.1	63.5	33.7	80.1	930
06-08	100.0	100.0	99.6	98.0	94.4	86.8	72.8	57.2	30.9	78.6	930
09-11	100.0	99.8	95.5	84.2	72.8	56.9	42.7	26.7	13.8	63.5	930
12-14	100.0	99.1	90.6	77.6	64.5	46.5	30.3	16.8	7.5	57.9	930
15-17	100.0	99.4	91.7	81.8	69.6	51.9	36.9	21.1	6.8	60.5	930
18-20	100.0	100.0	96.8	91.7	84.0	72.0	55.6	37.6	16.0	70.0	930
21-23	100.0	100.0	99.7	97.1	92.8	82.7	68.9	48.6	23.5	75.9	930
ALL HOURS	100.0	99.8	96.7	90.8	83.3	71.5	57.5	41.2	20.1	70.7	7440

MONTH: APR

00-02	100.0	100.0	99.7	97.3	93.0	85.0	70.1	51.9	30.3	77.2	900
03-05	100.0	100.0	99.8	99.2	97.0	89.3	72.0	55.1	33.6	79.3	900
06-08	100.0	100.0	99.9	98.6	92.8	83.7	66.4	46.3	26.0	75.9	900
09-11	100.0	99.1	93.9	82.1	66.7	48.1	30.4	14.9	6.2	58.5	900
12-14	100.0	97.1	86.8	73.9	58.8	41.8	22.6	8.9	3.4	54.0	900
15-17	100.0	96.4	88.0	77.2	65.4	50.4	29.9	12.3	3.6	56.9	900
18-20	100.0	99.1	95.0	87.6	78.6	67.6	51.8	28.6	11.3	66.2	900
21-23	100.0	100.0	99.7	96.7	89.8	79.2	63.6	44.2	20.8	73.8	900
ALL HOURS	100.0	99.0	95.3	89.1	80.3	68.1	50.8	32.8	16.9	67.7	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	98.8	95.6	84.7	63.7	35.9	82.2	930
03-05	100.0	100.0	100.0	99.7	99.0	98.3	90.4	69.8	43.5	84.6	930
06-08	100.0	100.0	100.0	99.6	98.0	93.5	80.9	57.2	28.5	80.2	930
09-11	100.0	99.9	98.8	93.0	80.5	64.0	38.5	13.7	3.4	63.7	930
12-14	100.0	99.9	97.5	89.2	76.9	60.0	33.2	10.3	2.5	61.5	930
15-17	100.0	100.0	97.3	90.8	82.2	67.1	38.1	16.0	3.7	64.2	930
18-20	100.0	100.0	99.7	97.7	93.3	84.0	61.9	32.8	12.8	72.7	930
21-23	100.0	100.0	100.0	99.8	98.8	93.5	77.6	49.7	23.9	78.7	930
ALL HOURS	100.0	100.0	99.2	96.2	90.9	82.0	63.2	39.1	19.3	73.5	7440

MONTH: JUN

00-02	100.0	100.0	100.0	99.9	99.4	98.1	90.1	63.8	26.7	82.3	900
03-05	100.0	100.0	100.0	100.0	100.0	98.8	94.8	74.2	42.2	85.4	900
06-08	100.0	100.0	100.0	100.0	99.8	96.2	86.7	52.6	22.2	80.6	900
09-11	100.0	100.0	99.9	98.4	91.7	73.1	35.8	7.8	1.4	65.6	900
12-14	100.0	100.0	99.7	96.8	84.3	62.0	33.6	8.4	1.3	63.0	900
15-17	100.0	100.0	99.9	97.6	89.4	72.0	45.0	12.1	2.2	66.4	900
18-20	100.0	100.0	100.0	99.6	96.8	86.1	66.3	23.6	5.9	72.8	900
21-23	100.0	100.0	100.0	100.0	99.8	96.4	83.3	45.4	13.1	78.6	900
ALL HOURS	100.0	100.0	99.9	99.0	95.2	85.3	66.9	36.0	14.4	74.3	7200



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.4	95.2	66.5	22.2	83.2	930
03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.0	76.5	36.0	85.8	930
06-08	100.0	100.0	100.0	100.0	100.0	99.5	91.7	58.9	22.3	81.9	930
09-11	100.0	100.0	100.0	99.4	95.8	78.9	43.8	11.5	1.5	67.5	930
12-14	100.0	100.0	100.0	98.1	90.9	71.0	38.5	8.7	1.5	65.2	930
15-17	100.0	100.0	100.0	98.3	94.5	80.0	51.8	14.3	1.7	68.5	930
18-20	100.0	100.0	100.0	99.9	98.1	93.4	73.0	28.5	6.2	74.6	929
21-23	100.0	100.0	100.0	100.0	99.9	99.1	89.1	49.5	13.0	79.9	930
ALL HOURS	100.0	100.0	100.0	99.4	97.4	90.1	72.6	39.3	13.1	75.8	7439

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	95.1	65.4	27.7	83.6	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.7	76.8	38.4	85.7	930
06-08	100.0	100.0	100.0	100.0	100.0	99.5	93.3	66.3	31.4	83.6	930
09-11	100.0	100.0	100.0	99.7	98.3	83.2	51.4	17.5	4.8	69.8	930
12-14	100.0	100.0	100.0	99.1	92.4	73.4	39.6	10.3	3.0	66.1	930
15-17	100.0	100.0	100.0	99.2	94.7	81.8	47.2	12.2	3.5	68.3	930
18-20	100.0	100.0	100.0	99.9	99.4	93.9	73.5	29.4	8.7	75.0	930
21-23	100.0	100.0	100.0	100.0	100.0	99.4	89.0	46.9	16.3	80.0	930
ALL HOURS	100.0	100.0	100.0	99.7	98.1	91.4	73.2	40.6	16.7	76.5	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	98.4	89.0	64.0	22.4	81.9	900
03-05	100.0	100.0	100.0	100.0	100.0	98.9	92.0	71.7	31.8	83.5	900
06-08	100.0	100.0	100.0	100.0	99.9	97.4	87.1	63.2	27.8	81.9	900
09-11	100.0	100.0	100.0	99.1	91.6	73.7	45.4	15.2	4.9	67.4	900
12-14	100.0	100.0	99.8	95.3	81.7	60.3	31.3	11.0	3.0	62.7	900
15-17	100.0	100.0	100.0	95.9	83.9	68.4	40.9	12.9	3.1	64.9	900
18-20	100.0	100.0	100.0	99.7	97.2	87.2	67.1	24.9	6.8	73.2	898
21-23	100.0	100.0	100.0	100.0	99.8	95.9	83.1	48.2	12.9	78.6	897
ALL HOURS	100.0	100.0	100.0	98.7	94.2	85.0	67.0	38.9	14.1	74.2	7195

MONTH: OCT

00-02	100.0	100.0	100.0	99.9	98.8	95.5	84.3	57.7	27.7	80.9	930
03-05	100.0	100.0	100.0	100.0	99.6	96.5	84.8	61.1	27.7	81.7	930
06-08	100.0	100.0	100.0	100.0	99.5	95.2	81.6	55.7	24.1	80.2	930
09-11	100.0	100.0	99.5	93.8	82.2	61.5	36.3	16.9	5.5	64.0	930
12-14	100.0	100.0	96.7	82.3	66.1	47.0	22.5	7.7	3.0	57.2	930
15-17	100.0	99.9	97.4	84.5	73.3	58.3	32.6	13.0	3.1	60.7	930
18-20	100.0	100.0	100.0	99.4	95.5	86.1	66.0	36.6	10.9	74.0	930
21-23	100.0	100.0	100.0	99.9	97.6	95.1	79.4	52.0	20.8	78.8	930
ALL HOURS	100.0	100.0	99.2	95.0	89.1	79.4	60.9	37.6	15.3	72.2	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.8	98.8	95.8	87.1	76.7	56.2	26.7	78.5	900
03-05	100.0	100.0	99.9	99.3	96.0	88.3	75.7	59.2	28.3	79.2	900
06-08	100.0	100.0	100.0	99.3	96.4	89.2	75.1	59.2	26.0	78.7	900
09-11	100.0	99.7	97.3	90.2	75.8	61.2	45.6	26.1	10.0	65.1	900
12-14	100.0	98.7	91.0	77.2	61.0	44.6	29.0	14.1	4.6	56.5	900
15-17	100.0	98.8	92.8	81.4	68.3	54.1	37.3	22.3	7.8	60.7	900
18-20	100.0	100.0	99.8	97.2	90.8	78.2	64.4	44.8	19.4	73.7	900
21-23	100.0	100.0	100.0	98.7	93.2	84.0	71.3	54.3	23.9	77.0	900
ALL HOURS	100.0	99.6	97.6	92.8	84.7	73.3	59.4	42.0	18.3	71.2	7200

MONTH: DEC

00-02	100.0	100.0	98.4	95.5	87.0	77.6	63.9	46.5	22.8	74.1	930
03-05	100.0	100.0	99.2	96.7	90.3	80.0	64.9	47.2	24.4	75.1	930
06-08	100.0	100.0	99.9	96.6	91.1	80.2	63.7	47.2	24.6	75.1	930
09-11	100.0	100.0	96.9	87.6	74.1	59.8	44.4	30.1	14.7	65.4	930
12-14	100.0	98.6	90.1	75.1	59.9	43.2	30.5	18.0	8.3	56.8	930
15-17	100.0	98.9	91.2	77.6	66.3	51.1	37.1	24.3	10.0	60.3	930
18-20	100.0	99.4	96.3	91.4	83.9	71.4	56.3	39.8	20.1	70.6	930
21-23	100.0	99.7	98.3	93.4	86.3	77.4	62.6	44.9	23.7	73.3	930
ALL HOURS	100.0	99.6	96.3	89.2	79.9	67.6	52.9	37.2	18.6	68.8	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.7	98.5	95.4	90.3	80.2	58.3	26.9	79.6	10956
03-05	100.0	100.0	99.8	99.0	96.6	91.7	82.1	63.5	32.8	81.2	10956
06-08	100.0	100.0	99.9	98.9	96.4	90.4	78.3	55.8	26.4	79.2	10956
09-11	100.0	99.8	97.9	91.9	81.7	65.3	42.7	20.6	7.9	65.3	10956
12-14	100.0	99.1	94.4	85.0	71.6	53.9	32.1	13.5	4.9	59.9	10956
15-17	100.0	99.2	94.9	86.9	76.7	62.0	39.7	17.7	5.6	62.8	10956
18-20	100.0	99.8	98.4	95.4	90.2	80.5	63.0	34.1	12.9	72.0	10953
21-23	100.0	100.0	99.6	98.0	94.5	88.4	75.4	48.8	20.0	77.1	10953
ALL HOURS	100.0	99.7	98.1	94.2	87.9	77.8	61.7	39.1	17.2	72.1	87642

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

**PART F**

**PRESSURE SUMMARIES**

**ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:**

- **BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).**
- **BY MONTH (ALL YEARS AND ALL HOURS COMBINED).**
- **BY YEAR (ALL YEARS AND ALL HOURS COMBINED).**

**SEA LEVEL PRESSURE.**

**IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.**

**ALTIMETER SETTING.**

**IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.**

**STATION PRESSURE.**

**IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.**

**PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).**

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91

HOURLS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1020.1	1019.2	1017.8	1015.6	1016.7	1016.1	1017.4	1017.0	1018.1	1019.4	1019.4	1020.9	1018.1
	SD	7.013	7.931	7.744	6.365	4.356	3.986	3.263	3.435	4.456	4.853	6.309	6.124	5.911
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	1019.9	1018.7	1017.2	1015.2	1016.3	1015.7	1016.9	1016.5	1017.7	1019.0	1019.2	1020.8	1017.8
	SD	6.982	7.911	7.766	6.382	4.417	3.965	3.302	3.461	4.377	4.932	6.310	6.186	5.946
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	1020.6	1019.7	1018.3	1016.5	1017.5	1016.8	1017.9	1017.5	1018.8	1020.1	1020.0	1021.5	1018.8
	SD	7.095	7.962	7.897	6.466	4.569	4.005	3.292	3.507	4.372	4.990	6.371	6.171	5.964
	TOT OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
1000	MEAN	1021.9	1020.7	1019.1	1017.0	1018.0	1017.2	1018.4	1018.2	1019.5	1020.9	1020.9	1022.7	1019.5
	SD	7.276	8.088	8.135	6.654	4.702	4.077	3.278	3.552	4.436	5.043	6.454	6.305	6.149
	TOT OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
1300	MEAN	1019.9	1019.3	1017.8	1015.9	1017.1	1016.5	1017.8	1017.4	1018.4	1019.4	1019.1	1020.7	1018.3
	SD	7.495	8.060	8.132	6.699	4.781	4.124	3.336	3.604	4.502	5.072	6.587	6.375	6.103
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	1019.2	1018.1	1016.4	1014.6	1015.8	1015.3	1016.6	1016.2	1017.2	1018.6	1018.4	1020.1	1017.2
	SD	7.388	8.019	8.035	6.580	4.726	4.132	3.392	3.627	4.535	5.099	6.436	6.295	6.103
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1900	MEAN	1020.1	1018.8	1017.1	1014.9	1016.0	1015.4	1016.7	1016.4	1017.5	1019.3	1019.3	1021.0	1017.7
	SD	7.203	7.957	7.609	6.466	4.556	4.076	3.294	3.458	4.439	5.009	6.290	6.184	6.040
	TOT OBS	310	282	309	300	310	300	310	310	299	310	300	310	3650
2200	MEAN	1020.6	1019.4	1018.0	1015.9	1017.0	1016.5	1017.8	1017.4	1018.4	1020.0	1019.8	1021.5	1018.5
	SD	7.089	7.965	7.741	6.349	4.425	3.976	3.167	3.417	4.484	4.991	6.200	6.172	5.942
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
ALL HOURS	MEAN	1020.3	1019.2	1017.7	1015.7	1016.8	1016.2	1017.4	1017.1	1018.2	1019.6	1019.5	1021.2	1018.2
	SD	7.232	8.020	7.922	6.541	4.622	4.092	3.345	3.564	4.502	5.043	6.408	6.270	6.058
	TOT OBS	2480	2256	2479	2400	2480	2400	2480	2479	2398	2479	2400	2480	29211

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.12	30.10	30.05	29.99	30.02	30.00	30.04	30.03	30.06	30.10	30.10	30.15	30.07
	SD	.207	.234	.229	.188	.128	.118	.096	.101	.132	.144	.186	.181	.175
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	30.12	30.08	30.04	29.98	30.01	29.99	30.03	30.02	30.05	30.09	30.10	30.15	30.05
	SD	.206	.233	.229	.188	.130	.118	.097	.102	.129	.145	.186	.183	.175
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	30.14	30.11	30.07	30.02	30.05	30.03	30.06	30.05	30.08	30.12	30.12	30.17	30.08
	SD	.210	.235	.233	.190	.134	.118	.097	.103	.130	.147	.189	.183	.176
	TOT OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
1000	MEAN	30.18	30.14	30.09	30.03	30.06	30.04	30.07	30.07	30.10	30.14	30.15	30.20	30.11
	SD	.215	.239	.240	.196	.138	.121	.097	.104	.131	.149	.191	.187	.182
	TOT OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
1300	MEAN	30.12	30.10	30.06	30.00	30.03	30.02	30.05	30.04	30.07	30.10	30.09	30.14	30.07
	SD	.221	.238	.240	.197	.141	.122	.098	.106	.133	.150	.195	.189	.180
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	30.10	30.06	30.02	29.96	30.00	29.98	30.02	30.01	30.04	30.08	30.07	30.12	30.04
	SD	.218	.236	.237	.194	.139	.123	.099	.107	.134	.150	.190	.187	.180
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1900	MEAN	30.13	30.09	30.03	29.97	30.00	29.99	30.02	30.01	30.05	30.10	30.10	30.15	30.05
	SD	.213	.235	.232	.191	.134	.121	.097	.102	.131	.148	.186	.183	.179
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
2200	MEAN	30.14	30.10	30.06	30.00	30.03	30.02	30.05	30.04	30.07	30.12	30.11	30.16	30.08
	SD	.209	.235	.229	.187	.130	.118	.093	.100	.133	.148	.183	.183	.175
	TOT OBS	310	282	310	300	310	300	310	310	299	309	300	310	3650
ALL HOURS	MEAN	30.13	30.10	30.05	29.99	30.03	30.01	30.04	30.03	30.07	30.11	30.11	30.15	30.07
	SD	.214	.237	.235	.193	.136	.121	.098	.105	.133	.149	.190	.186	.179
	TOT OBS	2480	2256	2479	2400	2480	2400	2480	2480	2398	2478	2399	2480	29210



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.09	30.07	30.02	29.96	29.99	29.97	30.01	30.00	30.03	30.07	30.07	30.12	30.04
	SD	.207	.234	.229	.188	.128	.118	.096	.101	.132	.144	.186	.181	.175
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	30.09	30.05	30.01	29.95	29.98	29.96	30.00	29.99	30.02	30.06	30.07	30.12	30.02
	SD	.206	.233	.229	.188	.130	.118	.097	.102	.129	.145	.186	.183	.176
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	30.11	30.08	30.04	29.99	30.02	30.00	30.03	30.02	30.05	30.09	30.09	30.14	30.05
	SD	.210	.235	.233	.190	.134	.118	.097	.103	.130	.147	.189	.183	.176
	TOT OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
1000	MEAN	30.15	30.11	30.06	30.00	30.03	30.01	30.04	30.04	30.07	30.11	30.12	30.17	30.08
	SD	.215	.239	.240	.196	.138	.121	.097	.104	.131	.149	.191	.187	.182
	TOT OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
1300	MEAN	30.09	30.07	30.03	29.97	30.00	29.99	30.02	30.01	30.04	30.07	30.06	30.11	30.04
	SD	.221	.238	.240	.197	.141	.122	.098	.106	.133	.150	.195	.189	.180
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	30.07	30.03	29.99	29.93	29.97	29.95	29.99	29.98	30.01	30.05	30.04	30.09	30.01
	SD	.218	.236	.237	.194	.139	.123	.099	.107	.134	.150	.190	.187	.180
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1900	MEAN	30.10	30.06	30.00	29.94	29.97	29.96	29.99	29.98	30.02	30.07	30.07	30.12	30.02
	SD	.213	.235	.232	.191	.134	.121	.097	.102	.131	.148	.186	.183	.179
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
2200	MEAN	30.11	30.07	30.03	29.97	30.00	29.99	30.02	30.01	30.04	30.09	30.08	30.13	30.05
	SD	.209	.235	.229	.187	.130	.118	.093	.100	.133	.148	.183	.183	.175
	TOT OBS	310	282	310	300	310	300	310	310	299	309	300	310	3650
ALL HOURS	MEAN	30.10	30.07	30.02	29.96	30.00	29.98	30.01	30.00	30.04	30.08	30.08	30.12	30.04
	SD	.214	.237	.235	.193	.136	.121	.098	.105	.133	.149	.190	.186	.179
	TOT OBS	2480	2256	2479	2400	2480	2400	2480	2480	2398	2478	2399	2480	29210



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAAA	RR RR	TT	GG GGGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9			930	1.4			930	1.1	.1		930	3.1	.2		930
CATEGORY B	3.7	1.1		1029	3.2	1.5		1064	3.9	1.3		1104	9.5	3.6	.1	1101

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.4			930	2.3	.1		930	1.4	.1		930	1.0	.1		930
CATEGORY B	10.2	5.0	.6	1059	6.8	3.6	.1	1064	4.4	1.9		1034	4.2	2.0	.2	1039

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.5	.1		4650	1.9	.1		7440
CATEGORY B	7.0	3.1	.1	5362	5.8	2.5	.1	8494

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.0	.1		846	2.1	.2		846	1.4	.1		846	6.3	.7		846
CATEGORY B	5.3	2.2		922	5.3	2.5	.3	954	5.5	2.2	.2	1007	13.1	6.4	.8	1002

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.6	.7		846	7.7	.8		846	3.9	.2		846	2.5	.1		846
CATEGORY B	17.9	8.7	1.2	952	14.5	8.1	1.4	961	6.8	3.8	.3	938	5.5	3.4	.2	948

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.6	.5		4230	4.3	.4		6768
CATEGORY B	11.5	5.8	.8	4860	9.3	4.7	.5	7684

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.2			930	1.3	.1		930	1.9	.3		930	7.7	.2		930
CATEGORY B	4.1	1.8		1006	3.6	1.3	.1	1042	6.2	2.5	.3	1108	15.6	6.8	.4	1077

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	10.1	.3		930	8.8	.3		930	3.4	.3		930	2.4			930
CATEGORY B	18.5	10.3	.4	1048	17.1	8.5	.2	1041	7.8	3.5	.2	1008	5.2	2.4	.1	1032

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.4	.3		4650	4.7	.2		7440
CATEGORY B	13.0	6.3	.3	5282	9.8	4.7	.2	8362

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2			900	.8			900	1.4			900	6.0	.1		900
CATEGORY B	3.4	1.7		959	2.2	.8		1007	4.1	1.5		1021	12.9	5.1		976

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.1	.6		900	6.0	.1		900	2.1	.2		900	1.2	.2		900
CATEGORY B	19.6	9.0	.2	967	15.9	5.0	.4	976	4.5	1.9	.3	980	4.2	1.8	.1	962

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.9	.2		4500	3.5	.2		7200
CATEGORY B	11.3	4.5	.2	4920	8.3	3.3	.1	7848



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8			930	.3			930	.1			930	3.0			930
CATEGORY B	1.7	.5		987	.9	.3		1074	2.6	.5		1048	7.8	3.0		1009

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.4	.2		930	2.9			930	.9	.1		930	.4			930
CATEGORY B	9.4	2.8	.2	1025	9.2	2.6		1012	4.6	1.1		1019	1.6	.3	.1	1002

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.3	.1		4650	1.6	.0		7440
CATEGORY B	6.7	2.0	.0	5113	4.7	1.4	.0	8176

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATION3

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			900	.2			900	.3			900	2.0			900
CATEGORY B	1.4	.3		956	.8	.5		994	1.3	.3		1035	4.9	1.9		978

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7			900	1.9	.1	.1	900	1.1			900				900
CATEGORY B	7.1	2.2	.2	1021	7.8	2.2	.2	1015	3.5	1.0		989	.7	.2		965

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.0	.0	4500	1.1	.0	.0	7200
CATEGORY B	4.9	1.5	.1	5038	3.5	1.1	.1	7953

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			930				930	.3			930	.9			930
CATEGORY B	1.0	.3		989	.5	.1	.1	1036	.8	.1		1014	2.7	.6		1004

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.3	.1		930	3.9			930	1.5	.1		930	.2			930
CATEGORY B	5.6	1.0		1045	8.5	1.7		1047	5.0	1.4	.2	1022	1.5	.3	.1	1001

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.0		4650	1.0	.0		7440
CATEGORY B	4.6	1.0	.0	5132	3.2	.7	.0	8158

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.1			930	.1			930				930	.5			930
CATEGORY B	.6	.2		1016	.5			1093	.2			1142	2.1	.7		1072

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2			930	1.1			930	.1			930				930
CATEGORY B	3.0	1.1		1081	4.2	1.2	.1	1120	1.4	.6		1078	.2	.1		1004

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.6			4650	.4			7440
CATEGORY B	2.1	.7	.0	5493	1.5	.5	.0	8606

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2	.2	.2	900	.2			900	.4	.3		900	2.2	.3		900
CATEGORY B	1.0	.4	.2	974	1.0	.2		1025	1.6	.7	.2	1032	5.7	1.7	.1	1012

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.3	.1		900	2.2	.1		900	1.3	.2		898	.4	.3	.3	897
CATEGORY B	7.1	3.1	.1	1022	6.5	3.1	.4	1030	3.1	1.3	.6	982	2.1	.8	.6	969

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.9	.2		4498	1.3	.2	.1	7195
CATEGORY B	4.8	2.0	.3	5078	3.5	1.4	.3	8046

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			930	.4			930	.1			930	2.2			930
CATEGORY B	1.3	.4		956	1.7	.4		991	1.7	.1		1015	7.0	1.6		994

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.6			930	.9			930	.3			930	.1			930
CATEGORY B	7.0	1.5		980	4.1	1.4		990	1.5	.2		965	.9	.3		960

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2			4650	.9			7440
CATEGORY B	4.3	1.0		4944	3.2	.8		7851

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			900	.3			900	.4			900	2.9	.2		900
CATEGORY B	1.2	.2		979	1.7	.6		987	1.8	.5		1027	8.2	3.3	.1	999

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.2	.1		900	2.4			900	.6			900	1.0	.1		900
CATEGORY B	8.6	3.6		994	5.7	2.7		1006	1.9	.5		983	1.8	.3		1000

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.1		4500	1.5	.1		7200
CATEGORY B	5.2	2.1	.0	5009	3.9	1.5	.0	7975

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.0			930	.8			930	.3			930	2.5			930
CATEGORY B	4.0	1.6		977	3.2	1.5		991	2.2	.8		1045	7.2	2.9	.1	1023

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.5	.2		930	1.8			930	.9	.1		930	1.3	.2		930
CATEGORY B	8.3	3.4		1011	4.5	1.8		1003	2.1	1.1	.1	1033	2.7	1.2		1010

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.1		4650	1.4	.1		7440
CATEGORY B	4.8	2.0	.0	5115	4.3	1.8	.0	8093



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8	.0	.0	10956	.7	.0		10956	.7	.1		10956	3.2	.1		10956
CATEGORY B	2.4	.9	.0	11750	2.0	.8	.0	12258	2.7	.9	.1	12598	8.1	3.1	.1	12247

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.5	.2		10956	3.5	.1	.0	10956	1.4	.1		10954	.9	.1	.0	10953
CATEGORY B	10.1	4.3	.2	12205	8.7	3.5	.2	12265	3.9	1.5	.1	12031	2.6	1.1	.1	11892

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.1	.0	54778	2.0	.1	.0	87643
CATEGORY B	6.7	2.6	.2	61346	5.1	2.0	.1	97246



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) FOR (IF AVAILABLE). THE 30-YEAR FOR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR FOR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC

PERIOD OF RECORD: JAN 49 - SEP 91

LST TO UTC: + 5

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1949	292	265	333	119	7				2	12	316	450	1796
1950	236	360	389	202	10				16	21	410	724	2368
1951	554	480	334	141	16					38	404	421	2388
1952	381	465	328	141	14					181	307	588	2405
1953	447	407	297	146					1	65	358	485	2206
1954	513	364	343	75	58					151	369	631	2504
1955	619	472	254	84	6					96	343	618	2492
1956	680	349	344	168	15				14	23	336	266	2195
1957	525	314	343	96	36				6	141	246	471	2178
1958	718	644	453	133	10					113	201	620	2892
1959	599	385	346	116	5					49	290	494	2284
1960	560	532	617	81	14					79	275	704	2862
1961	682	405	227	231	25	4			3	123	290	499	2489
1962	611	388	449	187	3				12	110	352	629	2741
1963	649	588	232	115	47				12	61	270	702	2676
1964	583	565	342	128	20					174	197	415	2424
1965	584	472	414	159						129	285	558	2601
1966	716	485	386	172	23	4				72	298	537	2693
1967	487	538	305	109	51	11			14	125	371	400	2411
1968	743	646	356	105	17					100	318	594	2879
1969	646	508	418	102	11				1	69	359	578	2692
1970	758	499	285	89	12				10	52	312	415	2432
1975	375	332	247	131						40	208	488	1821
1976	623	311	193	126	33					132	374	461	2253
1977	778	458	170	51	19					122	177	461	2236

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1978	705	680	402	71	22				55	102	387	2424
1979	589	578	259	59	4				83	236	542	2350
1980	516	586	376	96	18				101	295	543	2531

1981	756	438	342	46	37			3	116	285	582	2605
1982	672	388	274	167	15				107	203	353	2179
1983	678	555	331	181	27			4	37	265	493	2571
1984	607	421	319	133	18			8	12	321	286	2125
1985	704	453	274	103	20			6	25	66	545	2196

1986	589	342	296	71	12			9	56	154	442	1971
1987	603	521	358	177	12				142	210	379	2402
1988	723	492	332	133	22	5			156	202	498	2563
1989	356	356	288	142	37			3	59	209	717	2167
1990	381	213	176	89	8			7	81	196	320	1471

1991	514	367	261	49								1191
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MEAN	583	451	325	121	18	0		0	3	87	273	507
SD	134.43	108.75	83.66	44.33	14.13	2.07		1.44	4.84	46.43	80.91	116.50

\*\*\*\*SPL 30YR SUMMATION (1951 -1980)\*\*\*\*

MEAN	601	478	335	119	18	0			2	95	291	519
SD	108.35	105.70	94.61	41.87	15.58	2.36			4.99	42.48	71.98	103.57

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 747910

STATION NAME: MYRTLE BEACH AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 49 - SEP 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1949	12	11	25	36	180	365	505	482	263	154		2	2035
1950	14	10	8	52	187	408	426	388	284	105	21		1903
1951		4	1	20	115	350	438	464	272	151	25	12	1852
1952	8		10	28	233	485	479	435	277	47			2002
1953			8	43	322	336	456	399	280	84	10	1	1939
1954	4		24	81	97	363	472	490	307	122	9		1969
1955		3	36	81	216	262	488	448	311	79	16	1	1941
1956		1	5	51	190	330	487	453	238	95	18	24	1892
1957		5	1	74	228	389	447	405	361	30	17		1957
1958				42	176	340	514	467	321	37	30		1927
1959		3	5	80	275	365	463	496	326	178	32		2223
1960			2	61	199	363	445	467	319	131	10		1997
1961			31	33	109	322	496	437	349	55	50	4	1886
1962	1	11		40	260	349	480	401	235	139	1		1917
1963			26	103	169	329	411	443	216	66	3		1766
1964			3	57	184	374	373	372	256	58	20	5	1702
1965		3	9	38	276	344	445	428	291	79	1		1914
1966	1			52	164	246	490	444	314	104	13	1	1829
1967		1	15	75	135	243	381	362	133	39	1	8	1393
1968			16	48	157	359	470	503	289	119	6		1967
1969		1		54	187	429	572	477	272	133	9		2134
1970			6	108	205	417	526	502	384	115	1	4	2268
1975	5	3	32	96	325	444	484	561	435	151	52		2588
1976		6	47	65	164	297	488	420	316	69	2	3	1877
1977		7	65	131	241	401	582	516	412	65	57	6	2483

1978				65	190	397	523	536	403	96	27	22	2259
1979	2		9	81	196	296	502	471	312	78	29		1976
1980				75	223	388	548	477	418	67	8	2	2206
1981			13	132	122	417	507	440	299	48	4	1	1983
1982		3	14	18	173	432	561	529	324	131	30	10	2225
1983				24	150	291	504	531	331	129	11	2	1973
1984			7	47	246	369	490	501	233	203	19	12	2127
1985	4	4	29	61	160	386	467	369	281	202	80	4	2047
1986		1	9	90	246	474	660	520	362	179	50	2	2593
1987			7	22	208	399	513	515	329	7	49	8	2057
1988			4	46	186	281	468	538	354	34	19	5	1935
1989	4	22	35	81	163	421	512	436	327	130	30		2161
1990		18	50	83	250	448	549	452	321	203	14	13	2401
1991		10	42	113	304	370	520	453	298				2110
MEAN	1	3	15	63	200	366	490	462	309	102	20	4	
SD	3.27	5.20	16.55	29.43	55.60	58.91	53.83	50.49	58.93	52.02	18.97	5.93	
*****SPL 30YR SUMMATION (1951 -1980)*****													
MEAN	0	1	13	64	201	354	479	456	309	91	17	3	
SD	1.94	2.81	16.90	26.47	58.92	57.95	49.79	47.98	68.13	39.74	16.50	6.46	

H - 3 - 1A



A W S CLIMATIC BRIEF  FEB 92	STATION NAME: MYRTLE BEACH AFB SC												FIELD ELEV: 26 FT	
	LATITUDE/LONGITUDE: 33 41 N 078 56 W												STATION MNC: 747910	
	HOURLY OBS POR: OCT 81 - SEP 91												CALL SIGN: KMYR	
	SUMMARY OF DAY POR: NOV 42-JUL 47, JAN 49-JUL 91												SUPERSEDES: JAN 87	
	HOURS SUMMARIZED: 0000 - 2300 LST													
	LST TO UTC: +05													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	82	84	88	93	98	104	103	104	99	96	85	84	104	48
MEAN MAX TEMP (F)	56	58	64	72	79	85	87	87	83	75	67	58	72	48
MEAN TEMP (F)	46	49	55	63	70	77	80	79	75	65	56	49	64	48
MEAN MIN TEMP (F)	37	39	45	53	62	69	73	72	67	55	45	38	54	48
EXTRM MIN TEMP (F)	7	9	19	28	36	48	54	54	42	25	16	9	7	48
D/W TEMP GE 95 (F)	0	0	0	0	#	1	2	1	1	#	0	0	5	48
D/W TEMP GE 90 (F)	0	0	0	1	1	5	9	7	2	1	0	0	26	48
D/W TEMP LT 33 (F)	12	9	3	1	0	0	0	0	0	1	4	11	41	48
D/W TEMP LT 20 (F)	1	1	#	0	0	0	0	0	0	0	#	1	3	48
HEATING DEGREE DAYS	583	451	325	121	18	#	0	#	3	87	273	507	2368	43
COOLING DEGREE DAYS	1	3	15	63	200	366	490	462	309	102	20	4	2035	43
MEAN DEWPOINT TEMP (F)	35	40	45	50	61	68	72	71	65	55	48	38	54	10
MEAN WET BULB TEMP (F)	41	45	50	56	65	71	75	74	68	60	53	44	58	10
99.95% WCPA (FT)	500	600	650	550	350	300	200	250	300	300	450	400	450	10
MEAN REL HUM 07 LST(%)	75.0	78.8	78.6	75.9	80.2	80.6	81.9	83.6	81.9	80.2	78.7	75.1	79.2	10
MEAN REL HUM 13 LST(%)	58.6	59.7	57.9	54.0	61.5	63.0	65.2	66.1	62.7	57.2	56.5	56.8	59.9	10
MAX 24HR PRECIP (IN)	3.63	2.91	5.82	5.36	3.40	7.61	6.30	6.50	6.93	8.22	9.40	3.11	9.40	48
MAX PRECIP (IN)	10.04	8.01	11.53	7.39	11.42	10.18	16.39	14.64	16.69	13.17	9.70	8.29	71.98	48
MEAN PRECIP (IN)	3.69	3.38	4.53	2.77	3.69	4.93	6.10	5.86	5.69	3.30	2.87	3.33	50.38	48
MIN PRECIP (IN)	.44	.92	.84	.05	.89	.25	1.24	.39	.72	#	.37	.26	35.56	48
D/W PRECIP GE .01 (IN)	10	9	10	7	9	9	12	11	9	6	7	9	108	48
D/W PRECIP GT .50 (IN)	2	2	3	2	2	3	4	3	3	2	2	2	30	48
MAX 24HR SNFL (IN)	4.5	3.3	5.2	0	0	0	0	0	0	0	#	8.8	8.8	44
MAX SNFL (IN)	4.5	4.3	6.6	0	0	0	0	0	0	0	#	13.7	15.4	44
MEAN SNFL (IN)	.1	.3	.3	0	0	0	0	0	0	0	#	.3	1.0	44
D/W SNFL GE .1 (IN)	#	1	#	0	0	0	0	0	0	0	0	1	2	44
D/W SNFL GE 1.5 (IN)	#	#	#	0	0	0	0	0	0	0	0	#	#	44
MAX DLY SNO DEPTH (IN)	2	5	7	0	0	0	0	0	0	0	0	15	15	44
PRVING WND DIR (DEG)	\$35-01	\$35-01	\$35-01	\$17-19	\$17-19	\$17-19	\$20-22	\$17-19	\$02-04	\$35-01	\$35-01	\$35-01	\$35-01	10
MEAN WND SPD (KTS)	4	5	6	5	5	5	4	3	4	4	4	4	5	10
MAX WND SPD (KTS)	47	90	52	41	51	50	52	42	66	37	42	47	90	36
SKY COVER GT 5/10 (%)	53.9	57.1	50.3	46.4	48.3	50.5	52.3	54.5	47.6	42.4	45.3	51.0	49.9	10
D/W THUNDERSTORMS	1	1	3	4	6	9	13	10	5	2	1	1	56	48
D/W FOG (VSBY LT 7 MI)	15	14	16	14	17	17	16	18	18	16	16	14	191	48
LEGEND: ANN - ANNUAL D/W - MEAN NUMBER OF DAYS WITH & - BASED ON LESS THAN FULL MONTHS ** - INSTANTANEOUS PEAK WINDS * - DATA NOT AVAILABLE POR/YOR - PERIOD/YEARS OF RECORD WCPA - WORST CASE MAXIMUM PRESSURE ALTITUDE # - LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ - PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	25.5	18.8	15.5	11.6	7.0	4.0	2.7	7.6	11.6	11.7	17.2	18.6	12.6	10
	03 - 05	26.7	21.9	19.6	16.7	11.4	8.4	5.9	13.8	15.7	14.9	19.0	21.5	16.3	10
	06 - 08	26.5	23.9	21.8	17.3	10.2	11.3	8.7	21.0	21.0	16.8	19.2	24.6	18.5	10
	09 - 11	25.1	22.8	19.1	12.3	6.0	6.2	5.6	12.8	12.6	12.3	16.0	19.2	14.2	10
	12 - 14	23.2	19.6	14.3	8.1	4.1	4.4	3.3	9.4	10.7	11.3	11.0	16.1	11.3	10
	15 - 17	24.0	18.4	12.7	7.7	3.9	4.7	2.6	7.6	10.0	8.6	10.8	15.4	10.5	10
	18 - 20	22.7	16.0	14.9	9.4	4.7	3.2	3.2	7.3	10.0	8.2	10.3	18.2	10.7	10
	21 - 23	23.9	17.6	14.7	9.1	5.5	4.4	4.1	5.5	9.7	8.6	13.2	18.5	11.2	10
	ALL	24.7	19.9	16.6	11.5	6.6	5.8	4.5	10.6	12.6	11.5	14.6	19.0	13.1	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	19.9	16.0	10.9	8.1	4.2	2.1	1.1	4.1	6.3	5.9	13.4	15.2	8.9	10
	03 - 05	22.9	15.7	14.7	12.2	8.2	6.0	4.6	9.8	10.8	10.6	15.4	17.3	12.3	10
	06 - 08	23.4	18.2	16.8	12.7	8.2	7.6	8.0	18.7	16.8	12.9	16.2	19.8	14.9	10
	09 - 11	21.8	17.6	13.4	7.0	3.1	2.1	2.6	8.6	9.9	8.4	12.1	14.6	10.1	10
	12 - 14	17.7	13.6	9.0	3.7	2.2	1.7	1.3	4.3	5.4	5.1	7.1	11.9	6.9	10
	15 - 17	17.8	11.7	7.9	3.9	1.4	1.7	1.1	3.3	5.2	4.4	6.6	11.4	6.4	10
	18 - 20	16.3	10.5	9.1	5.1	2.5	1.8	1.7	3.4	5.6	4.0	7.7	13.7	6.8	10
	21 - 23	16.5	12.6	10.6	6.0	3.1	2.3	1.7	2.9	5.5	3.8	9.9	14.9	7.5	10
	ALL	19.6	14.5	11.6	7.3	4.1	3.2	2.8	6.9	8.2	6.9	11.1	14.9	9.2	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	16.3	11.5	9.4	4.8	2.5	1.1	.6	2.4	4.0	4.5	10.2	12.3	6.6	10
	03 - 05	19.0	12.4	12.2	8.9	5.3	4.4	2.5	7.3	7.9	7.5	12.1	14.7	9.5	10
	06 - 08	20.6	13.2	13.0	8.4	4.4	5.3	4.1	11.3	10.0	8.7	11.8	16.1	10.6	10
	09 - 11	18.0	12.5	10.2	3.4	1.0	.9	.8	4.9	6.0	4.8	8.9	11.5	6.9	10
	12 - 14	13.8	9.1	5.9	1.2	1.3	.6	.2	1.3	3.1	3.1	4.8	9.7	4.5	10
	15 - 17	12.2	9.2	4.8	2.8	.6	1.0	.1	1.4	2.6	2.9	4.8	9.7	4.3	10
	18 - 20	12.6	7.7	6.1	3.0	1.3	.9	.6	.5	1.9	1.9	5.8	11.4	4.5	10
	21 - 23	13.5	9.8	8.8	4.1	1.4	1.3	.8	1.0	2.7	2.6	8.0	12.3	5.5	10
	ALL	15.8	10.7	8.8	4.6	2.2	1.9	1.2	3.8	4.8	4.5	8.3	12.2	6.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	3.1	1.5	2.6	1.6	.3	.0	.0	.8	.1	.6	3.7	2.7	1.4	10
	03 - 05	2.8	2.1	2.6	3.4	1.4	.2	.2	1.8	.8	2.6	3.6	3.7	2.1	10
	06 - 08	3.2	1.7	2.2	2.1	.6	.3	.3	1.4	.7	1.3	2.3	4.3	1.7	10
	09 - 11	1.7	.1	.3	.0	.0	.0	.0	.0	.0	.2	.4	2.6	.4	10
	12 - 14	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	10
	15 - 17	.2	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.9	.1	10
	18 - 20	1.2	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	.8	.3	10
	21 - 23	2.6	1.5	1.4	.4	.3	.0	.0	.2	.0	.3	1.2	2.4	.9	10
	ALL	1.9	1.0	1.2	1.0	.3	.1	.1	.5	.2	.6	1.4	2.2	.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/3	3/5	1/4	5/8	2/7	0/1	0/0	11/28
120NM	0/0	0/0	0/0	0/0	0/1	1/10	5/8	10/13	8/13	4/10	1/2	0/0	29/57
240NM	0/0	0/0	0/0	0/0	1/4	3/16	7/10	22/26	17/29	10/21	3/2	0/0	63/109

REMARKS : @

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**DATE:**

**12-92**

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